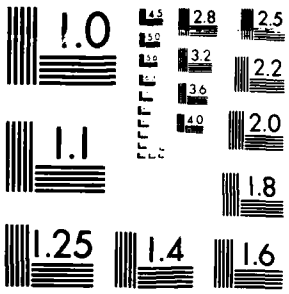
AD A150 383 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
SAN CLEMENTE ISLAND(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC OCT 83

UNCLASSIFIED F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

PHOTOGRAPH THIS SHEET

AD-A150 383

DTIC ACCESSION NUMBER

II

LEVEL

1

INVENTORY

SMOS, San Clemente Island, Ca.

DOCUMENT IDENTIFICATION

Oct 1983

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR		
NTIS	GRA&I	☒
DTIC	TAB	☐
UNANNOUNCED		☐
JUSTIFICATION		
BY		
DISTRIBUTION /		
AVAILABILITY CODES		
DIST	AVAIL AND/OR SPECIAL	
A-1		

DISTRIBUTION STAMP

DTIC
ELECTE
FEB 14 1985
S D

DATE ACCESSIONED

DATE RETURNED

85 02 13 099

DATE RECEIVED IN DTIC

REGISTERED OR CERTIFIED NO.

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDAC

DTIC FORM DEC 83 70A

DOCUMENT PROCESSING SHEET

PREVIOUS EDITION MAY BE USED UNTIL STOCK IS EXHAUSTED.

AD-A150 383

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) San Clemente Island		5. TYPE OF REPORT & PERIOD COVERED Reference Report 1973-1982
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) NA		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Oceanography Command Detachment Federal Building Asheville, NC 28801		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Commanding Officer Naval Oceanography Command Facility NSTL, MS 39529-5002		12. REPORT DATE October 1983
		13. NUMBER OF PAGES 358
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

S/N 0102-LF-014-6601

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV (FT)	CALL SIGN:	WMO NUMBER
93117	San Clemente Island, California	33°01'N	118°35'W	181	KNUC	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL STATION (FT)	ELEVATION ABOVE MSL TYPE BAROMETER	OBS PER DAY
1.	Weather Service Office	Navy	1960	1961	33°01'N	118°35'W	175	Mercurial	Var
2.	*Weather Service Office	"	1962	1966	"	"	168	"	"
3.	Weather Service Office, Bldg 60001	"	1966	1976	"	"	**170	"	24
4.	" "	"	1966	1980	"	"	173	Aneroid	24
4a.	" "	"	1980		"	"	195	"	Var

* Aneroid barometer in use part of 1962. Mercurial being repaired.

** Resurveyed height

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1.	Installed 1960	100 yards east of weather office	AN/UMQ-5C	RD-108B		1. Barograph (Marine)
2.	UNK	900 feet north of bldg 60001	"	"	17'	2. Semi-auto met stn (GMQ-14B)
2a.	UNK	" "	"	"	37'	3. Ceiling light (ML-121)
						4. Cloud height set (GMQ-13)
						5. Theodolite (ML-474-GM)
						6. Transmissometer (GMQ-10) (GMQ-10C)

CONTINUED ON REVERSE SIDE

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	SAN CLEMENTE, CALIFORNIA	53-7[illegible]	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		25.7				25.7	32.6	23.0			41.3	470
FEB			25.2				25.2	33.8	21.5		.2	42.7	452
MAR		.6	26.0			.4	26.0	25.6	17.9			32.1	[illegible]
APR		.4	21.2				21.2	19.2	19.0			30.2	510
MAY		.2	15.7				16.7	3[illegible].7	33.8			45.0	5[illegible]
JUN			17.3				17.3	4[illegible].4	35.7			50.8	510
JUL		.6	10.2				10.2	42.9	48.8			59.8	5[illegible]
AUG		.4	6.5				6.5	31.9	45.0			52.9	5[illegible]
SEP		1.2	13.4				13.0	34.1	43.2			53.1	5[illegible]
OCT		1.1	12.7				12.7	35.1	39.7		.2	51.2	5[illegible]
NOV		1.0	24.3		.2		24.3	34.4	25.4			44.7	[illegible]
DEC		.9	20.0		.2	.4	20.0	38.5	23.3			46.4	475
TOTALS		.5	15.3		.0	.1	16.3	33.5	31.4		.0	45.5	6011

4

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	SAN CLEMENTE ISLAND, CALIFORNIA	77-[illegible]	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		6.6				6.[illegible]	15.8	1.1			17.2	27[illegible]
	04		6.5				6.5	15.1	.4			15.4	27[illegible]
	07		5.3				5.3	16.9	1.7			17.9	301
	10		5.3				5.3	1[illegible].9	3.[illegible]			12.5	[illegible]
	13		5.3				5.[illegible]	[illegible].2	4.6			12.5	[illegible]
	16		6.3				6.3	12.5	4.3			14.1	[illegible]4
	19		6.1				6.1	11.8	2.[illegible]			12.6	27[illegible]
	22		5.[illegible]				5.[illegible]	13.3	1.4			14.3	27[illegible]
TOTALS			5.[illegible]				[illegible]	13.1	2.[illegible]			14.7	23[illegible]

NAVWEASERVCOM

WEATHER CONDITIONS

117 — STATION
SAN CLEMENTE ISLAND, CALIFORNIA — STATION NAME
YEARS
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
[illegible]	[illegible]		2.[illegible]				3.[illegible]	15.[illegible]	.4			17.[illegible]	[illegible]
	[illegible]		6.7				6.7	15.[illegible]	.4			17.7	[illegible]
	[illegible]		4.[illegible]				4.[illegible]	16.5	.7			17.3	[illegible]
	[illegible]		3.5				3.5	14.1	2.[illegible]			17.9	[illegible]
	1[illegible]		5.4				5.4	11.4	6.1			16.1	[illegible]
	1[illegible]		6.[illegible]				6.[illegible]	13.7	4.[illegible]			1[illegible]	[illegible]
	1[illegible]		7.5				7.5	14.2	3.[illegible]			17.[illegible]	[illegible]
	[illegible]		7.[illegible]				7.[illegible]	1[illegible]	.[illegible]			15.7	[illegible]
TOTALS			5.[illegible]				[illegible]	1[illegible]	2.4			17.[illegible]	21.[illegible]

4

WEATHER CONDITIONS

[illegible] SAN CLEMENTE ISLAND, CALIFORNIA 73-[illegible] MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	01		3.[illegible]				3.9	5.7	1.1			6.[illegible]	[illegible]
	04		4.7				4.7	7.5	1.1			[illegible].6	[illegible]
	07		5.2				6.3	7.[illegible]	.7			7.7	[illegible]
	10		5.2				5.2	[illegible].6	2.3			7.5	[illegible]
	13		4.9				4.[illegible]	[illegible]	1.3			4.2	[illegible]
	16		4.2				4.2	3.6	2.[illegible]			5.5	[illegible]
	19		4.3				4.3	3.6	1.1			[illegible]	[illegible]
	[illegible]		4.7				4.7	5.9	1.4			5.7	[illegible]
TOTALS			4.[illegible]				4.[illegible]	5.[illegible]	1.4			6.4	2[illegible]34

NAVWEASERVCOM

4

WEATHER CONDITIONS

7117	SAN CLEMENTE ISLAND, CALIFORNIA	75-82	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	01		1.9				1.9	10.4	5.2			15.6	[illegible]
	04		2.2				2.2	12.2	6.3			18.5	[illegible]
	07		2.7				2.7	11.0	5.3			16.7	[illegible]
	10		2.4				2.4	6.8	7.8			13.7	[illegible]
	13		2.0				2.0	1.7	9.2			10.2	[illegible]
	16		1.4				1.4	2.7	9.6			11.6	[illegible]
	19		2.2				2.2	4.6	7.4			11.9	[illegible]
	22		2.6				2.6	6.3	5.2			11.4	[illegible]
TOTALS			2.2				2.2	7.0	7.1			13.7	2250

4

WEATHER CONDITIONS

STATION: [illegible] STATION NAME: [illegible] CALIFORNIA YEARS: [illegible] MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
[illegible]	[illegible]		1.4				1.4	15.5	7.2			22.6	[illegible]
	[illegible]		2.5				2.5	1[illegible].6	6.5			24.[illegible]	[illegible]
	[illegible]		3.7				3.7	17.3	8.6			24.[illegible]	[illegible]
	1[illegible]		3.[illegible]				2.[illegible]	[illegible].7	13.7			21.7	[illegible]
	1[illegible]		1.7				1.7	[illegible].3	13.2			17.2	[illegible]
	[illegible]		1.5				1.7	4.0	1[illegible].4			15.[illegible]	[illegible]
	1[illegible]		1.[illegible]				1.[illegible]	[illegible].5	1[illegible].4			15.4	[illegible]
	[illegible]		1.1				1.1	1[illegible]	7.[illegible]			17.7	[illegible]
TOTALS			[illegible].1				[illegible].1	11.1	10.3			[illegible]	[illegible]

NAVWEASERVCOM

4

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	SAN CLEMENTE ISLAND, CALIFORNIA	73-92	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	01		2.2				2.2	16.3	4.4			20.7	270
	04		2.2				2.2	18.5	4.1			22.6	270
	07		2.1				2.1	19.6	9.3			27.5	291
	10		2.1				2.1	9.3	15.8			22.3	291
	13		1.0				1.0	4.5	15.4			19.5	293
	16		.3				.3	2.7	15.5			17.5	291
	19							6.7	11.1			17.0	270
	22		1.1				1.1	12.6	8.1			20.0	270
TOTALS			1.4				1.4	11.3	10.5			20.9	2246

4

WEATHER CONDITIONS

[illegible] SAN CLEMENTE ISLAND, CALIFORNIA [illegible] [illegible]

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	[illegible]		1.[illegible]				1.[illegible]	22.2	5.7			26.[illegible]	[illegible]
	[illegible]		1.[illegible]				1.[illegible]	22.9	4.7			26.9	[illegible]
	[illegible]		1.[illegible]				1.[illegible]	23.7	7.7			30.7	[illegible]
	[illegible]		1.[illegible]				1.[illegible]	11.4	18.[illegible]			[illegible]	[illegible]
	[illegible]		.[illegible]				.[illegible]	[illegible]	15.4			22.4	[illegible]
	[illegible]							1.[illegible]	16.[illegible]			17.8	[illegible]
	[illegible]		.4				.4	5.7	12.4			17.[illegible]	[illegible]
	[illegible]		.7				.7	14.7	9.7			23.7	[illegible]
TOTALS			.[illegible]				.[illegible]	1[illegible].4	11.7			24.4	232[illegible]

NAVWEASERVCOM

4

WEATHER CONDITIONS

[illegible] SAN CLEMENTE ISLAND, CALIFORNIA 73-[illegible] AUG

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	[illegible]		.7				.7	17.9	7.2			72.9	[illegible]
	[illegible]		1.4				1.4	21.9	7.[illegible]			26.9	[illegible]
	[illegible]		.7				.7	16.2	11.9			26.4	[illegible]
	1[illegible]		1.3				1.3	[illegible].9	16.3			23.5	[illegible]
	1[illegible]		.3				.3	4.[illegible]	16.3			21.9	[illegible]
	1[illegible]		.3				.3	4.6	13.4			15.1	[illegible]
	1[illegible]		.4				.4	[illegible].6	11.5			18.6	[illegible]
	[illegible]2		.4				.4	13.6	1[illegible].5			21.9	[illegible]
TOTALS			.7				.7	12.4	12.1			72.3	2325

NAVWEASERVCOM

4

WEATHER CONDITIONS

[illegible] CA CLEMENTE ISLAND, CALIFORNIA [illegible] [illegible]

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
[illegible]	[illegible]		1.[illegible]				1.[illegible]	21.7	5.[illegible]			25.[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	24.4	6.7			[illegible]	[illegible]
	[illegible]		2.4				2.4	21.[illegible]	9.4			27.8	[illegible]
	1		2.4				2.4	12.6	15.6			24.1	[illegible]
	1[illegible]	.3	1.4				1.4	.1	15.[illegible]			21.[illegible]	[illegible]
	1[illegible]	.2	.3				.3	[illegible]	14.2			19.[illegible]	[illegible]
	1[illegible]	.7	1.1				1.1	1.2	1[illegible].4			23.6	[illegible]
	[illegible]		.7				.7	1.9	5.2			23.3	[illegible]
TOTALS		.2	1.7				1.7	16.1	13.4			24.2	2[illegible]

NAVWEASERVCOM

4

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
7117	SAN CLEMENTE ISLAND, CALIFORNIA	73-[illegible]	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		2.2				2.2	22.6	5.7			27.6	279
	04	.4	1.3				1.3	24.4	5.0			26.7	279
	07		1.0				1.0	21.5	5.0			25.7	303
	10		.3				.3	13.1	12.4			25.2	3[illegible]
	13		.7				.7	9.5	17.7			25.6	355
	16		1.0				1.0	9.2	13.2			21.1	304
	19		.4				.4	17.6	8.6			25.8	279
	22		.4				.4	19.7	6.1			25.1	279
TOTALS		.1	1.0				1.0	17.2	9.3			25.6	2333

NAVWEASERVCOM

4

WEATHER CONDITIONS

[illegible] AN CLEMENTE ISLAND, CALIFORNIA 73-[illegible] NOV

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	[illegible]		1.6				1.6	17.2	3.7			[illegible]	[illegible]
	[illegible]		1.2				1.2	17.8	5.0			21.6	[illegible]
	[illegible]	.4	1.4				1.4	16.1	4.6			19.7	[illegible]
	[illegible]	.3	2.1				2.1	12.7	8.9			19.5	[illegible]
	[illegible]		1.7				1.7	9.6	9.6			17.5	[illegible]
	[illegible]	.3	2.1				2.1	7.2	8.6			15.4	[illegible]
	[illegible]		1.5				1.5	14.6	7.3			21.5	[illegible]
	22		1.5				1.5	16.2	3.1			19.3	[illegible]
TOTALS		.1	1.6				1.6	13.9	6.4			19.3	216[illegible]

NAVWEASERVCOM

WEATHER CONDITIONS

STATION: [illegible] STATION NAME: SAN CLEMENTE ISLAND, CALIFORNIA YEARS: [illegible] MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	[illegible]	[illegible]	2.5	[illegible]	[illegible]	[illegible]	2.5	1.9	3.6	[illegible]	[illegible]	22.5	[illegible]
	[illegible]	[illegible]	7.9	[illegible]	[illegible]	[illegible]	3.9	21.3	2.5	[illegible]	[illegible]	22.7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.7	21.5	3.	[illegible]	[illegible]	23.9	[illegible]
	17	[illegible]	2.8	[illegible]	[illegible]	[illegible]	2.8	15.2	6.6	[illegible]	[illegible]	2[illegible].5	[illegible]
	1[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	1.7	11.6	9.2	[illegible]	[illegible]	17.5	[illegible]
	1[illegible]	.3	3.[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].3	7.[illegible]	[illegible]	[illegible]	14.7	[illegible]
	1[illegible]	[illegible]	1.4	[illegible]	[illegible]	[illegible]	1.4	14.[illegible]	5.1	[illegible]	[illegible]	17.4	[illegible]
	2[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible].1	1[illegible].3	2.	[illegible]	[illegible]	17.4	[illegible]
TOTALS		.1	2.8				2.9	1.3	5.[illegible]			19.6	2[illegible]1

4

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] CLEMENTE ISLAND, CALIFORNIA	73-[illegible]	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
[illegible]	ALL		5.[illegible]				5.[illegible]	1[illegible].1	2.5			14.7	[illegible]
[illegible]			5.[illegible]				5.[illegible]	1[illegible].[illegible]	2.4			17.[illegible]	[illegible]
[illegible]			4.[illegible]				4.[illegible]	[illegible]	1.4			6.4	[illegible]
[illegible]			[illegible].2				2.2	[illegible]	7.1			13.7	[illegible]
[illegible]			2.1				2.1	11.1	10.7			[illegible].2	[illegible]
[illegible]			1.4				1.4	11.3	10.[illegible]			[illegible]	[illegible]
[illegible]			.7				.[illegible]	1[illegible].4	11.7			24.4	[illegible]
[illegible]			.7				.7	12.4	12.1			22.3	[illegible]
[illegible]		.2	1.[illegible]				1.7	1[illegible].1	10.4			24.2	[illegible]
[illegible]		.1	1.[illegible]				1.[illegible]	17.2	[illegible].3			25.6	[illegible]
[illegible]		.1	1.[illegible]				1.[illegible]	13.9	6.4			19.3	[illegible]
[illegible]		.0	2.5				2.[illegible]	1[illegible]	5.[illegible]			19.6	[illegible]
TOTALS		.0	2.[illegible]				2.5	12.6	7.4			19.[illegible]	[illegible]

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] MONTE [illegible], CALIFORNIA JANUARY 1977-DECEMBER 1982 JANUARY ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	BLOWING SNOW GROUND FOG	SNOW HAZE	BLOWING DUST	BLOWING SAND	% OBSERVATIONS
N	.[illegible]	.[illegible]							7.4	4.[illegible]	3.7			[illegible]
NNE	.[illegible]								[illegible].9	3.9	5.9			[illegible]
NE									13.7		[illegible]			[illegible]
ENE									.6	1.4	2.6			[illegible].1
E		1.[illegible]							7.5	2.5	2.5			[illegible]
ESE	.[illegible]	[illegible]							[illegible]	2.[illegible]	1.[illegible]			[illegible].1
SE	[illegible]		1.6						[illegible].2					[illegible]
SSE	[illegible]	7.9	3.9						11.[illegible]	2.6				[illegible]
S	.[illegible]	2.0	2.[illegible]						15.7	1.[illegible]	2.9			[illegible]
SSW	.[illegible]	2.[illegible]	2.1						26.[illegible]	4.[illegible]	2.1			[illegible]
SW	[illegible]	2.[illegible]	.9						20.0	3.5	.9			[illegible]
WSW	[illegible]	.[illegible]	1.6						16.7		3.[illegible]			[illegible]
W	2.[illegible]	2.0	2.4						1[illegible].3	.[illegible]	4.[illegible]			[illegible]
WNW	.[illegible]	.4	2.4						[illegible].3		.3			[illegible]
NW		1.[illegible]	1.[illegible]						[illegible].5	.[illegible]	2.5			[illegible]
NNW	.[illegible]								[illegible].6	1.5	.6			[illegible]
VARIABLE														
CALM	.[illegible]		.4						[illegible].9	3.4	.3			[illegible]
TOTAL	[illegible]	32	29						242	41	5[illegible]			171[illegible]
% TOTAL	[illegible].1	1.4	1.2						11.3	1.[illegible]	2.1			[illegible].3

TOTAL NUMBER OF OBSERVATIONS .3[illegible]

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

107	SAN CLEMENTE ISLAND, CALIFORNIA	JANUARY 1973-DECEMBER 1982	FEBRUARY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									6.3	4.2	5.2			45.4
NNE										2.8	2.8			58.4
NE									7.4	11.1				41.5
ENE									10.3		3.4			46.2
E	6.[illegible]		2.9						7.9	1.0	3.9			56.3
ESE	[illegible]	1.3	1.3						10.0		3.8			43.5
SE	1[illegible].3	6.8	1.7						13.6	1.7	1.7			52.7
SSE	1[illegible].2	5.7	[illegible].8						13.2	3.8	3.8			67.[illegible]
S	[illegible]	4.4	4.4						22.9	1.1	1.1			65.[illegible]
SSW	[illegible]	1.5	1.5						20.3	2.2	1.5			67.9
SW	2.[illegible]	.9	3.7						24.3	3.7	4.7			54.5
WSW	[illegible].1	1.4	3.6						23.6	2.1	2.9			63.6
W	.7	1.1	2.6						13.1	.7	2.2			83.6
WNW			1.4						6.3	1.4	1.5			90.9
NW									[illegible].6	.5	1.0			92.5
NNW									7.2		6.2			88.7
VARIABLE														
CALM									12.4	5.6	1.[illegible]			80.7
TOTAL	[illegible]	24	37						274	44	52			1707
% TOTAL	[illegible]	1.1	1.7						12.9	2.1	2.4			80.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible],123

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] AN CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 MARCH ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS OF CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	[illegible] GROUND FOG	[illegible] HAZE	[illegible]	[illegible]	[illegible] WEATHER
N										1.3	1.3			97.4
NNE	4.									8.2				91.7
NE											4.3			95.7
ENE		4.[illegible]							4.[illegible]					[illegible]
E	[illegible]	3.6	1.8						[illegible].1		1.[illegible]			[illegible]
ESE	.1	2.5	2.6						[illegible].6					95.7
SE		4.3							4.3					91.[illegible]
SSE	1[illegible].	10.5	7.6						17.2	2.6	2.6			[illegible]
S	6.	4.8	[illegible].4						17.0	2.7	2.0			71.4
SSW	5.[illegible]	.9	1.6						1[illegible].6		4.1			[illegible]
SW	1.[illegible]	1.9	2.8						[illegible].7	1.9	2.8			86.
WSW	[illegible]	[illegible]	.8						[illegible].3	.8	[illegible].8			44.[illegible]
W	1.2	.7	.2						[illegible].1	.4	1.0			[illegible]
WNW	[illegible]	1.2	.8						1.4		.5			[illegible]
NW	1.[illegible]	1.6	.4						[illegible]		.5			94.5
NNW	.	1.5							2.4		.[illegible]			[illegible]
VARIABLE														
CALM	[illegible]		.5						[illegible]	1.1	.5			92.[illegible]
TOTAL	[illegible]	39	21						1[illegible]2	14	32			[illegible]
% TOTAL	.2	1.7	.9						4.4	.6	1.4			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible].37

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

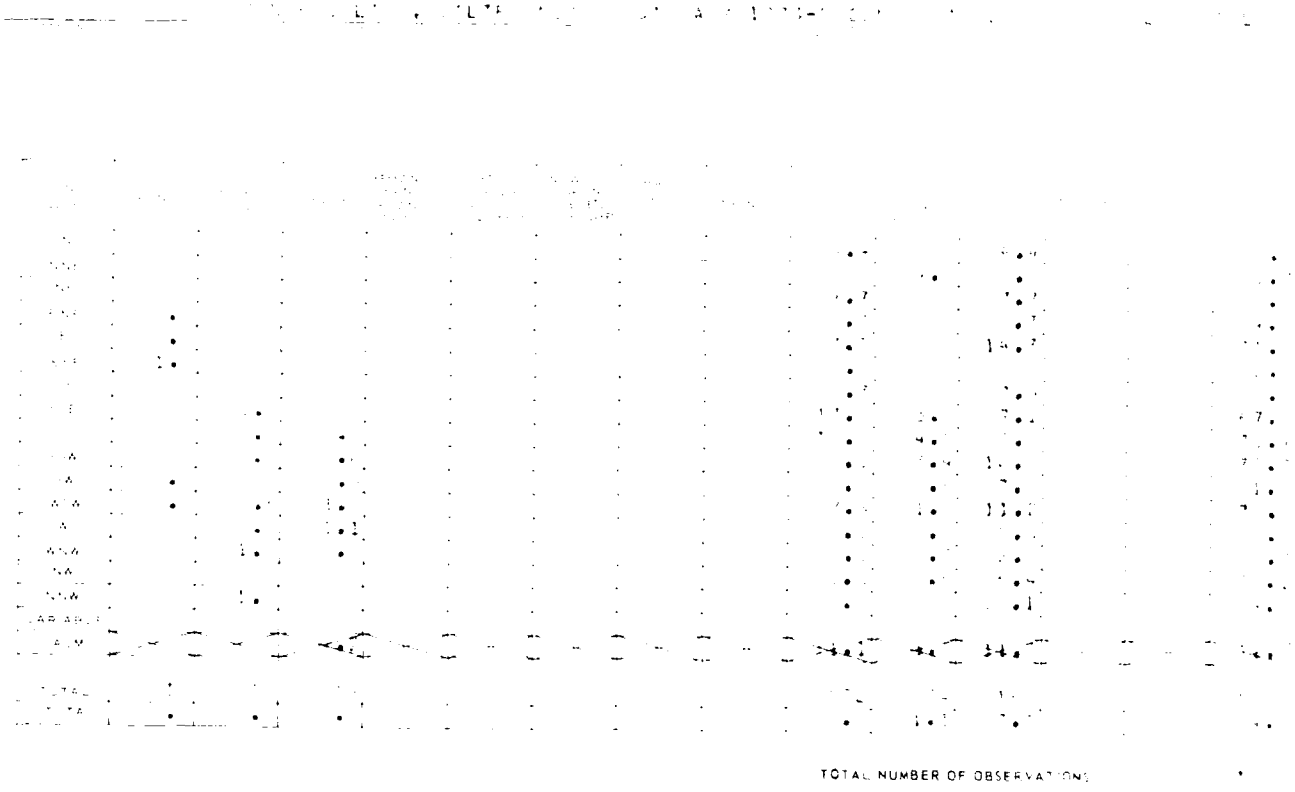
[illegible] AT CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 APRIL ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	BLOWING SNOW GROUND FOG	SNOW FLAKE MIST	BLOWING DUST	FOG BANK	[illegible]
N									[illegible].4		8.4			[illegible]
NNE										4.[illegible]	9.5			[illegible].7
NE									7.7		7.7			[illegible].3
ENE	[illegible]								[illegible].7		5.7			[illegible]
E	7.1								7.1		14.3			71.[illegible]
ESE	1.[illegible]								5.9					[illegible]
SE									27.3		27.3			54.5
SSE		3.5							17.[illegible]	3.[illegible]	7.1			67.[illegible]
S		.9	.9						1[illegible].5	4.5	[illegible]			75.7
SSW		.8	.8						7.6	3.4	16.[illegible]			72.3
SW	[illegible].2		.8						7.5	.8	7.5			81.[illegible]
WSW	1.[illegible]	.5	1.5						7.8	1.0	11.2			7[illegible]
W		.7	1.1						[illegible].2	.5	5.3			[illegible]
WNW		1.[illegible]	.8						2.[illegible]	.2	2.9			[illegible]
NW									1.[illegible]	.[illegible]	6.4			[illegible].1
NNW		1.4							.[illegible]		10.1			[illegible].1
VARIABLE														
CALM			[illegible].2						[illegible].1	[illegible]	[illegible]			[illegible]
TOTAL	1[illegible]	1[illegible]	19						172	24	14[illegible]			1[illegible]
% TOTAL	.[illegible]	.8	.8						[illegible].9	1.1	7.1			[illegible].7

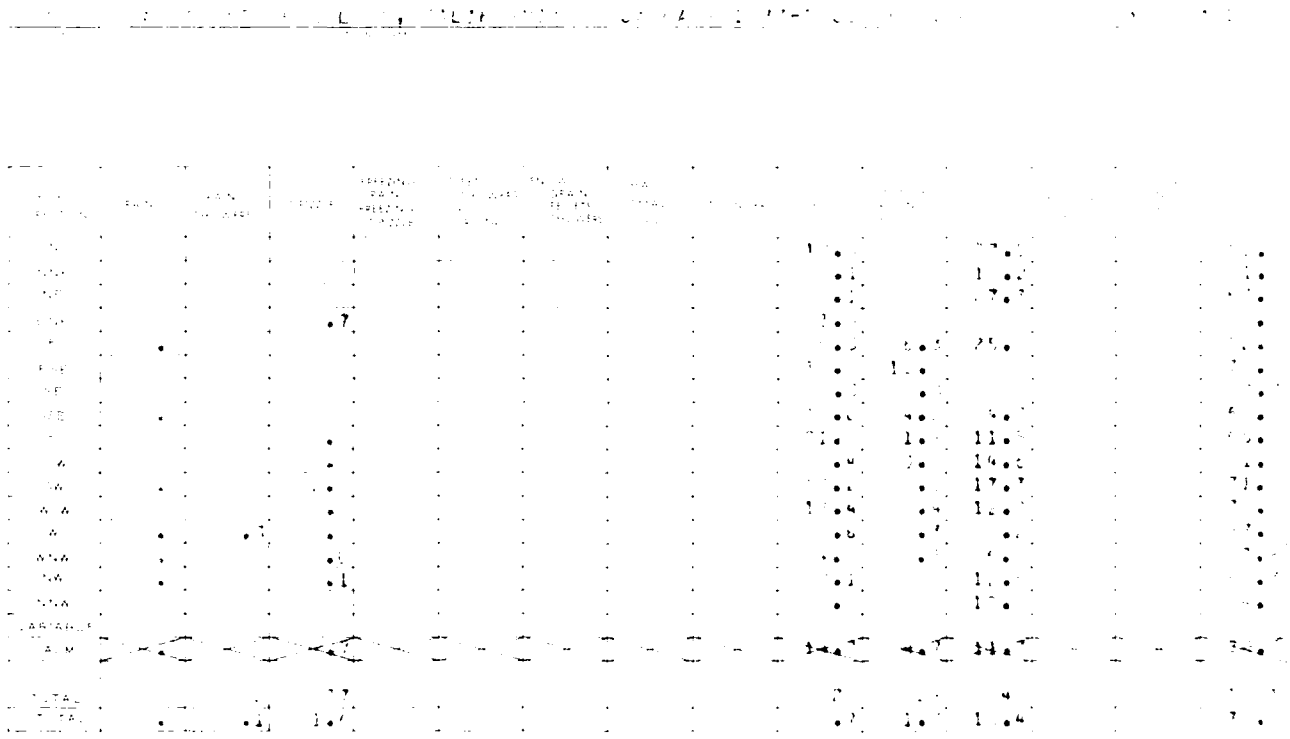
TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS



PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS



TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] ST. CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 JULY ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	[illegible]	% WEATHER
N									4.3		4.3			[illegible]
NNE									[illegible].7					[illegible]
NE											[illegible]			[illegible]
ENE									[illegible].6		14.3			57.1
E									[illegible]	2.9	11.8			[illegible]
ESE									27.3		22.7			[illegible]
SE		11.1							11.1		11.1			66.7
SSE									22.2		5.6			[illegible]
S			.7						16.8		15.6			66.4
SSW		.1	1.2						17.4	.6	13.2			67.7
SW			.5						14.1		12.5			[illegible]
WSW			.9						[illegible]		10.8			[illegible]
W	.[illegible]		1.4						7.5		8.8			[illegible]
WNW			.6						[illegible].3		[illegible]			[illegible]
NW									[illegible].1	1.3	17.1			[illegible]
NNW									11.1		14.8			77.8
VARIABLE														
CALM			.5						[illegible]	[illegible].7	[illegible]			[illegible]
TOTAL	[illegible]	2	26						245	6	236			1763
% TOTAL	.[illegible]	.1	1.2						11.0	.3	[illegible]			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible],24[illegible]

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1 (STATION) A CLEMENTE ISLAND, CALIFORNIA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEAR) JULY (MONTH) ALL (HOUR)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	% WEATHER
N									7.4		18.5			74.1
NNE											37.5			62.5
NE														100.0
ENE											20.0			80.0
E									37.5		5.6			56.7
ESE	7.7								61.5		7.7			77.5
SE	1.7								73.3					55.7
SSE									16.7	8.3				75.0
S			.7						27.0	1.8	15.9			57.4
SSW									13.5	1.0	16.6			63.9
SW									11.2		13.7			76.1
WSW			1.9						11.4	.0	9.6			77.0
W	.1		.7						9.8	.5	10.7			77.0
WNW			1.3						7.4		11.3			81.3
NW									9.3		9.3			81.4
NNW			.3								21.7			73.3
VARIABLE														
CALM			1.5						34.4	3.8	9.1			51.2
TOTAL	.2		18						291	17	275			1743
% TOTAL	.1		.8						12.5	.7	11.9			75.2

TOTAL NUMBER OF OBSERVATIONS 2,332

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] AN CLEMENTE ISLAND, CALIFORNIA JANUARY 1974-D CEMBER 1982 [illegible] ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWER OR CRYSTALS	SNOW RAIN PELLETS SHOWERS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N		1[illegible].0							[illegible]		25.[illegible]			[illegible]
NNE		25.0							[illegible]					[illegible]
NE									[illegible]					[illegible]
ENE		12.[illegible]							[illegible]		12.5			37.5
E		[illegible].6							[illegible]		33.3			44.4
ESE		11.1							11.1		44.4			44.4
SE														[illegible]
SSE									[illegible]					[illegible]
S			.1						1[illegible].5		14.1			[illegible]
SSW			.6						[illegible]		1[illegible]			[illegible]
SW									[illegible].9		1[illegible].4			[illegible]
WSW			.3						10.3	.3	[illegible].0			[illegible]
W			.4						1[illegible].4	.1	[illegible]			[illegible]
WNW									[illegible]	.4	11.5			[illegible]
NW			1.4						1[illegible].7		[illegible].9			[illegible]
NNW									[illegible].6		21.4			[illegible]
VARIABLE														
CALM	.7	.7	.7						[illegible]	.7	[illegible]			[illegible]
TOTAL	[illegible]	7	9						27[illegible]	[illegible]	284			[illegible]
% TOTAL	[illegible]	.3	.3						1[illegible].0	.3	12.2			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible],32

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] CLEMENTE ISLAND, CALIF [illegible] JANUARY 1973-DECEMBER 1982 [illegible] ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAZE MODERATE HAZE	THUNDER	FOG	SEEING GROUND FOG	SNOW HAZE	BLOWING SNOW	BLOWING SAND AND DUST	% WEATHER
N									2.4		11.9			[illegible]
NNE									[illegible]		41.7			[illegible]
NE														[illegible]
ENE	[illegible]								[illegible]		8.5			[illegible]
E	[illegible]								[illegible]	2.9	12.5			67.
ESE		[illegible].2	[illegible].2						[illegible]		[illegible].7			71.
SE									[illegible].1		[illegible]			[illegible]
SSE									11.1					[illegible]
S	[illegible]		[illegible]					.7	24.7	.7	7.4			[illegible]
SSW			1.4					.7	11.7		12.4			77.
SW	[illegible]		.5						17.6		12.1			[illegible]
WSW		.4	1.1					.4	[illegible]	.4	11.9			[illegible]
W			[illegible]						[illegible]	.2	11.2			[illegible]
WNW	[illegible]		1.1					[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
NW									11.9	.9	10.1			[illegible]
NNW	[illegible]								[illegible]	1.4	[illegible]			91.
VARIABLE														
CALM	[illegible]		1.4						[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	1	2	[illegible]2					4	350	8	237			[illegible]
% TOTAL	[illegible]	.1	[illegible]					.2	[illegible].6	.4	10.5			74.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] CLEMENTE ISLAND, CALIF [illegible] JANUARY 1977-DECEMBER 1982 [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET [illegible] ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL [illegible]	THUNDER	FOG	FOG [illegible]	HAZE	BLOWING [illegible]	[illegible]	[illegible]
N									1[illegible]	2[illegible]	9.2			[illegible]
NNE	.7								[illegible]		14.[illegible]			76.7
NE									16.7					[illegible]
ENE	[illegible]								[illegible]	[illegible]				[illegible]
E									[illegible]		11.[illegible]			[illegible]
ESE	.								.6	8.6	5.7			74.[illegible]
SE									[illegible].6	3.6	3.6			[illegible]
SSE									.7	9.7	2.2			[illegible]
S	.		1.7					.7	1[illegible].5		4.3			[illegible]
SSW			.7						[illegible].6	1.4	[illegible].6			61.[illegible]
SW	.7								2[illegible].1	.7	13.3			[illegible]
WSW	.		.5						[illegible]	.[illegible]	11.1			56.[illegible]
W			.7						1[illegible].1	.[illegible]	12.2			[illegible]
WNW			.6						1[illegible].3	.3	8.1			[illegible]
NW	.		.6						14.2	1.[illegible]	8.5			[illegible]
NNW	1.		.7						11.1	1.7	5.2			[illegible]
VARIABLE														
CALM									1[illegible]	1.7	6.7			[illegible]
TOTAL	[illegible]		12					1	36[illegible]	[illegible]	21[illegible]			172[illegible]
% TOTAL	.4		.5					.[illegible]	1[illegible]	1.2	[illegible].3			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] ST CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 [illegible] ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	[illegible]	[illegible] HAZE	[illegible]	[illegible]	[illegible]
N	1.[illegible]								7.1	2.[illegible]	[illegible].1			[illegible]
NNE									11.9	2.9	7.1			[illegible]
NE									10.7		10.7			[illegible]
ENE									[illegible].2		[illegible].5			[illegible]
E									[illegible].3	2.6	3.9			[illegible]
ESE	1.7								[illegible]		6.7			[illegible]
SE	[illegible]								1[illegible].4		2.6			[illegible]
SSE									11.9	2.4	2.4			[illegible]
S	[illegible]	2.2	1.5						1[illegible].1	2.2	6.6			72.1
SSW			1.7						27.[illegible]	[illegible]	7.8			65.[illegible]
SW	[illegible]	.9	.9						21.7	.9	14.2			[illegible]
WSW		[illegible]							[illegible].4	1.6	8.6			[illegible]
W	[illegible]	1.7	.9						1[illegible].5	.9	5.5			77.[illegible]
WNW			[illegible]						1[illegible].6	1.3	[illegible].6			[illegible]
NW		[illegible]	1.5					.5	[illegible].7		4.6			45.7
NNW			.7					.7	11.4		4.[illegible]			[illegible]
VARIABLE														
CALM		[illegible]						[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
TOTAL		14	13					3	274	27	14[illegible]			1725
% TOTAL	[illegible]	.6	.6					.1	12.7	1.1	6.5			79.9

TOTAL NUMBER OF OBSERVATIONS 2,15[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] JANUARY 1973-DECEMBER 1982 DECEMBER ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS SLEET	SNOW GRAINS PELLETS SNOW PELLETS	SNOW SHOWERS	THUNDER	FOG	BLOWING GROUND FOG	HAZE	[illegible]	[illegible]	[illegible]
N									.5		9.[illegible]			[illegible]
NNE									1.[illegible]	2.[illegible]	6.1			[illegible]
NE	[illegible]	1.4							1.[illegible]		2.7			[illegible]
ENE	[illegible]	1.[illegible]							.[illegible]	1.[illegible]	3.3			[illegible]
E	[illegible]	.9	.9						.3	.9	4.5			[illegible]
ESE	[illegible]	2.[illegible]							14.7	2.9	1[illegible].9			[illegible]
SE	1.[illegible]	1.5							1.[illegible]	1.[illegible]				[illegible]
SSE	[illegible]		.2						1[illegible].3	8.2	4.7			67.1
S	.4	1.7	7.4						1[illegible].2	1.7	2.3			75.[illegible]
SSW	[illegible]		1.7						[illegible].3	2.[illegible]	1.7			74.[illegible]
SW	.[illegible]	.[illegible]	.6					.[illegible]	[illegible].4	2.4	3.2			6[illegible].4
WSW	.[illegible]	.[illegible]	.[illegible]						[illegible]1.[illegible]	.[illegible]	6.7			7[illegible].3
W	.[illegible]	.4	.4						1[illegible].7	.4	4.6			[illegible]1.7
WNW		.[illegible]	.6						[illegible].7	1.7	4.2			84.4
NW		.[illegible]	1.1						[illegible].5	.[illegible]	2.7			[illegible]
NNW									[illegible].5	.[illegible]	8.3			[illegible]
VARIABLE														
CALM									1.6	[illegible]	[illegible].4			3[illegible].3
TOTAL		15	17					1	324	4[illegible]	11[illegible]			1[illegible]
% TOTAL	[illegible]	.[illegible]	.7					.[illegible]	1[illegible].[illegible]	2.1	4.[illegible]			7[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-[illegible] [illegible] [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	HAZE	BLOWING [illegible]	BLOWING [illegible]	[illegible]
N	[illegible]	.4							7.0	1.[illegible]	[illegible]			[illegible]
NNE	[illegible]	.3							[illegible]	2.7	[illegible].1			[illegible]
NE	[illegible]	.4							1[illegible].7	1.1	4.4			[illegible]
ENE	1.[illegible]	.2	.3						[illegible]	1.2	4.6			[illegible]
E	3.1	.[illegible]	.7						.4	1.6	7.3			7[illegible]
ESE	[illegible]	1.7	.6						11.[illegible]	1.[illegible]	6.4			77.[illegible]
SE	[illegible]	2.1	.5						12.[illegible]	1.2	3.0			77.[illegible]
SSE	[illegible]	[illegible].1	1.6						14.1	4.3	2.[illegible]			71.[illegible]
S	[illegible].1	1.[illegible]	2.2					.1	1[illegible].3	1.4	7.4			[illegible]
SSW	[illegible]	.[illegible]	1.3					.1	1[illegible].3	1.6	1[illegible].3			6[illegible]
SW	1.[illegible]	.4	1.[illegible]					.1	14.[illegible]	.[illegible]	11.6			7[illegible]
WSW	[illegible]	.4	1.3					.0	14.5	.6	[illegible]			[illegible]
W	[illegible]	.4	.9						[illegible]	.4	7.7			[illegible]
WNW	[illegible]	.4	.[illegible]					.[illegible]	7.2	.5	5.5			4.7
NW	[illegible]	.4	.7					.1	[illegible].5	.[illegible]	5.1			7.[illegible]
NNW	[illegible]	.3	.3					.1	.0	.6	5.9			[illegible]
VARIABLE														
CALM	[illegible]	.1	.[illegible]					.[illegible]	1.1	[illegible]	[illegible].7			[illegible]
TOTAL	[illegible]	1[illegible]5	2[illegible]1					[illegible]	7127	291	2[illegible]4[illegible]			1[illegible]
% TOTAL	[illegible]	.[illegible]	1.[illegible]					.[illegible]	11.4	1.1	7.5			7[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible],347

NAVWEASERVCOM

NOAA. Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	0	0.2 0.5	0.6 1.0	1.1 2.5	2.6 3.5	3.6 4.5	4.6 6.5	6.6 10.0	10.1 25.0	25.1 50.0	50.1 100.0	100.1 200.0	OVER 200.0			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4							
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120							
JAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUL	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AUG	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]		[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OCT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 0	25	26 50	51 00	01 2 50	2 5 5 00	5 01 0 00	0 0 20 00	OVER 20 00					MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 5 4	5 5 25 4	25 5 50 4	OVER 50 4							
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	6 2L	OVER 2C							
JAN	•																	•	•	•
FEB	•																	•	•	•
MAR	•																	•	•	•
APR	•																	•	•	•
MAY	•																	•	•	•
JUN	•																	•	•	•
JUL	•																	•	•	•
AUG	•																	•	•	•
SEP	•																	•	•	•
OCT	•																	•	•	•
NOV	•	•																		•
DEC	•	•																		•
ANNUAL	•	•																•		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 2[illegible]	OVER 2[illegible]					
JAN	•																	
FEB	•																	
MAR	•																	
APR	•																	
MAY	•																	
JUN	•																	
JUL	•																	
AUG	•																	
SEP	•																	
OCT	•																	
NOV	•																	
DEC	•																	
ANNUAL	•																	

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

EXTREME VALUES

STATION NAME

YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

EXTREME VALUES

STATION NAME

YEARS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YR
MEAN													
TOTAL OBS													

SVOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

STATION   STATION NAME   YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													
S.D.													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME: [illegible], CALIFORNIA | YEARS: [illegible]

24 HOUR AMOUNTS IN INCHES
(WATER ON LESS THAN FULL MONTHS)

MONTH / YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
[illegible]												[illegible]	SNOWFALL DAYS
[illegible]	[illegible]											[illegible]	SNOWFALL DAYS
[illegible]	[illegible]											[illegible]	SNOWFALL DAYS
[illegible]	[illegible]												SNOWFALL DAYS
[illegible]												[illegible]	SNOWFALL DAYS
[illegible]	[illegible]											[illegible]	SNOWFALL DAYS
[illegible]	[illegible]												SNOWFALL DAYS
[illegible]											[illegible]	[illegible]	SNOWFALL DAYS
[illegible]	[illegible]												SNOWFALL DAYS
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SNOWFALL DAYS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS

[illegible] SNOW DEPTH IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
[illegible]										0	0		
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	.000	[illegible]	.000	.000	[illegible]	.000	.000	[illegible]	.000	.000
TOTAL OBS	373	[illegible]	[illegible]	57	78	573	589	589	[illegible]	589	143	403	6448

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION: [illegible] | STATION NAME: [illegible] CALIFORNIA | YEARS: [illegible]

DAILY MAX. DEPTH IN INCHES
(BASED ON LESS THAN FULL MONTHS)

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]												[illegible]	[illegible]
[illegible]												[illegible]	[illegible]
[illegible]	[illegible]											14	[illegible]
[illegible]	[illegible]												[illegible]
[illegible]												[illegible]	[illegible]
[illegible]	[illegible]											[illegible]	[illegible]
[illegible]													[illegible]
[illegible]											[illegible]	[illegible]	[illegible]
[illegible]	[illegible]												[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	25	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	11	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	14	[illegible]			
22	[illegible]	16	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	12	[illegible]			
27	[illegible]		[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]			

MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]		[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	T	T	[illegible]			
30						
31						
Monthly	[illegible]	[illegible]	[illegible]			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION: [illegible] | STATION NAME: [illegible] | YEARS: [illegible]

MONTH: [illegible]

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	12	[illegible]			
2	[illegible]	10	[illegible]			
3	[illegible]	2	[illegible]			
4	[illegible]	22	[illegible]			
5	[illegible]	19	1975			
6	[illegible]	7	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	5	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	5	[illegible]			
12	[illegible]	4	[illegible]			
13	[illegible]	5	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	12	1977			
17	[illegible]	4	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	4	[illegible]			
23	[illegible]	1	[illegible]			
24	[illegible]	4	1977			
25	[illegible]	7	[illegible]			
26	[illegible]	2	[illegible]			
27	[illegible]	13	[illegible]			
28	[illegible]	14	[illegible]			
29	[illegible]	1	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	22	[illegible]			
Monthly	[illegible]	41	[illegible]			

MONTH: APRIL

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	23	[illegible]			
2	0.11	3	1969			
3	[illegible]	[illegible]	[illegible]			
4	0.31	8	[illegible]			
5	0.15	4	1975			
6	[illegible]	4	[illegible]			
7	[illegible]	3	[illegible]			
8	[illegible]	56	1975			
9	[illegible]	2	[illegible]			
10	0.07	2	[illegible]			
11	0.33	[illegible]	1967			
12	0.19	5	1976			
13	[illegible]		[illegible]			
14	[illegible]	12	[illegible]			
15	0.14	4	[illegible]			
16	0.19	5	1975			
17	[illegible]	5	[illegible]			
18	0.12	3	[illegible]			
19	0.11	3	1964			
20	[illegible]	2	[illegible]			
21	[illegible]	2	[illegible]			
22	[illegible]	2	[illegible]			
23	0.06	1	[illegible]			
24	0.15	4	1974			
25	0.01		[illegible]			
26	0.01		1963			
27	0.01		[illegible]			
28	[illegible]	20	[illegible]			
29	[illegible]		[illegible]			
30	[illegible]		1964			
31						
Monthly	[illegible]	52	1975			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

MONTH

	PRECIPITATION GREATEST			SNOWFALL GREATEST		
DAY	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1977			
2	T	T	1977			
3	T	T	1968			
4	.01	1	1966			
5	T	T	1971*			
6	.11	4	1975			
7	.01	0	1971			
8	.01	27	1977			
9	.01	4	1967			
10	.01	1	1966			
11	T	T	1977*			
12	.01	13	1977			
13	T	T	1977*			
14	T	T	1966*			
15	T	T	1977*			
16						
17	T	T	1977*			
18	T	T	1977*			
19	.01	1	1975			
20	T	T	1966*			
21	T	T	1966*			
22	T	T	1967			
23	T	T	1977*			
24	T	T	1977*			
25	T	T	1966*			
26	T	T	1966*			
27	.01	5	1970			
28	.11	3	1971			
29	T	T	1966*			
30	T	T	1977*			
31	.01	1	1977			
Monthly	.01	T	1977			

1	.01	1	[illegible]			
2	T	T	[illegible]			
3	T	T	[illegible]			
4	T	T	[illegible]			
5	T	T	1979			
6	T	T	1979			
7	0.01	0	[illegible]			
8	0.01	1	[illegible]			
9	.01	1	[illegible]			
10	.11	0	1978			
11	0.01	1	[illegible]			
12	T	T	[illegible]			
13	T	T	[illegible]			
14	T	T	[illegible]			
15	T	T	[illegible]			
16	0.01	1	1965			
17	0.01	1	[illegible]			
18	0.01	1	[illegible]			
19	T	T	[illegible]			
20	0.01		1979			
21	T	T	1979			
22	T	T	1979			
23	T	T	1979*			
24	0.01		1962			
25	T	T	1965			
26	T	T	1971			
27	T	T	1979*			
28	T	T	1980*			
29						
30	T	T	1979			
31						
Monthly	0.11	5	1979			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

[illegible] WEATHER SERVICE DETACHMENT
[illegible] NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible]
STATION, STATE

[illegible]
YEARS

JULY
MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	T	T	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	T	T	1967			
4	T	T	1967			
5	T	T	[illegible]			
6	T	T	[illegible]			
7	T	T	[illegible]			
8	T	T	[illegible]			
9	T	T	[illegible]			
10	T	T	[illegible]			
11	[illegible]	T	[illegible]			
12	T	T	[illegible]			
13	[illegible]		[illegible]			
14	T	T	[illegible]			
15	T	T	[illegible]			
16	T	T	[illegible]			
17	T	T	[illegible]			
18						
19	T	T	[illegible]			
20	[illegible]		[illegible]			
21	T	T	[illegible]			
22	T	T	[illegible]			
23	T	T	1971			
24	[illegible]		1971			
25						
26	[illegible]	9	1967			
27	T	T	[illegible]			
28	T	T	[illegible]			
29	T	T	[illegible]			
30	T	T	[illegible]			
31	T	T	1967			
Monthly	[illegible]	9	1967			

AUGUST
MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1						
2	[illegible]	1	[illegible]			
3	T	T	[illegible]			
4	T	T	[illegible]			
5	T	T	[illegible]			
6	T	T	[illegible]			
7	T	T	[illegible]			
8						
9						
10	T	T	[illegible]			
11	T	T	[illegible]			
12	T	T	[illegible]			
13						
14	T	T	[illegible]			
15	T	T	[illegible]			
16	[illegible]	12	1977			
17	[illegible]	51	1977			
18	[illegible]		1977			
19	T	T	[illegible]			
20	T	T	[illegible]			
21						
22						
23						
24						
25						
26						
27						
28						
29	T	T	[illegible]			
30	T	T	1977			
31	T	T	[illegible]			
Monthly	[illegible]	51	1977			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible]
STATION NAME

[illegible]
YEARS

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
[illegible]	[illegible]	[illegible]	[illegible]			
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]			

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1965			
2						
3	0.01		1977			
4	T	T	1964			
5	0.03	1	1977			
6	0.07	1	1975			
7	T	T	1977			
8	0.04	1	1977			
9	T	T	1972			
10	0.31	8	1966			
11	0.05	1	1975			
12						
13	0.01		1977			
14	T	T	1965			
15	0.02	1	1977			
16	0.02	5	1962			
17	T	T	1971			
18	0.14	4	1972			
19	0.01		1977			
20	0.06	2	1977			
21	0.01		1977			
22	T	T	1977			
23	0.01		1977			
24	0.03	1	1962			
25	0.11	3	1962			
26	0.05	1	1982*			
27	0.02	1	1964			
28	0.10	3	1974			
29	0.21	5	1974			
30	0.16	4	1982*			
31	T	T	1976*			
Monthly	0.31	8	1966			

* ALSO ON EARLIER YEARS
T TRACE AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] — STATION NAME — [illegible] — YEARS

[illegible] — MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]	T	T	[illegible]
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]		[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31						
Monthly	[illegible]	[illegible]	[illegible]	T	T	[illegible]

[illegible] — MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]		[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	T	T	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]	T	T	[illegible]

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET—SMOS

PART C SURFACE WINDS

[illegible] Part are [illegible] tabulations of surface winds as follows:

a. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month [illegible] period of record available. Speeds are presented in knots, while directions are given in [illegible] points from the [illegible] of [illegible], and in terms of degrees beginning in January [illegible] of the daily observations of peak gust wind data are available for a month, the extreme is [illegible] in that period. These values are then used to compute mean and standard deviations for the entire period. Every month for which valid observations present before the ALL MONTHS value is [illegible] that year. Mean and standard deviations are computed when four or more values are present for any [illegible] an supplementary list of peak gust by year-month with [illegible] observations reported is also provided.

C

Both the Aerological Circular N specifications, peak gust data are required only at stations with continuous [illegible] wind-speed recorder.

b. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to the compass points and calm by wind speeds (knots) in increments of [illegible] classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

a. Three tables are prepared for all surface winds included, and for all years combined as follows:

(1) Annual - all hours combined

(2) By month - all hours combined

(3) By month - by standard 3-hour groups

b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

EXTREME VALUES

STATION ______ STATION NAME ______ YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

STATION NAME YEARS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

STATION NAME

YEARS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MEAN												
S.D.												
TOTAL OBS												

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ LST

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMO5

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•	•	•							•	•
NNE	•	•	•	•	•							•	•
NE	•	•	•	•	•							•	•
ENE	•	•	•	•	•							•	•
E	•	•	•	•								•	•
ESE	•	•	•	•	•							•	•
SE	•	•	•	•	•		•					•	•
SSE	•	•	•	•	•							•	•
S	•	•	•	•	•							•	•
SSW	•	•	•	•	•	•						•	•
SW	•	•	•	•	•							•	•
WSW	•	•	•	•								•	•
W	•	•	•	•	•	•						•	•
WNW	•	•	•	•	•	•						•	•
NW	•	•	•	•	•	•						•	•
NNW	•	•	•	•	•							•	•
VARBL													
CALM												•	
	•	•	•	•	•	•	•					•	•

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME PART

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NUMBER | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NUMBER | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]		[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]			[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]										[illegible]	[illegible]
E	[illegible]	[illegible]										[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE		[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NUMB | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS LST

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NUMBER YEARS MONTH

CLASS HOURS LST

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 32	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NUMBER YEARS MONTH

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS

CLASS HOURS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS

CLASS

CONDITION

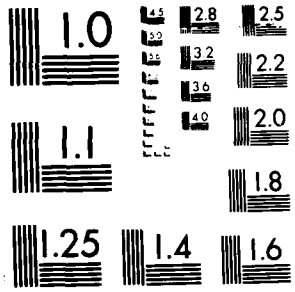
SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

AD A150 383 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) SAN CLEMENTE ISLAND(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC OCT 83 2/2

UNCLASSIFIED F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]									[illegible]	[illegible]
NNE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE													
ENE													
E			[illegible]									[illegible]	[illegible]
ESE		[illegible]										[illegible]	[illegible]
SE			[illegible]									[illegible]	[illegible]
SSE													
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW			[illegible]	[illegible]								[illegible]	[illegible]
NNW		[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			[illegible]	[illegible]								[illegible]	[illegible]
NNE				[illegible]								[illegible]	[illegible]
NE	[illegible]											[illegible]	[illegible]
ENE	[illegible]											[illegible]	[illegible]
E	[illegible]											[illegible]	[illegible]
ESE													
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] ISLAND, CALIFORNIA	[illegible]	MAY

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	SAN CLEMENTE ISLAND, CALIFORNIA	73-74,80-82	JUN

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		[illegible]										[illegible]	[illegible]
NE													
ENE													
E	[illegible]		[illegible]									[illegible]	[illegible]
ESE		[illegible]										[illegible]	[illegible]
SE		[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW		[illegible]										[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] | STATION NAME: [illegible] CALIFORNIA | YEARS: 73-7[illegible],80-82 | MONTH: JU[illegible]

CLASS: ALL LATITUDE | HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		[illegible]										[illegible]	[illegible]
NE													
ENE		[illegible]										[illegible]	[illegible]
E	[illegible]	1.1	[illegible]									[illegible]	[illegible]
ESE		[illegible]										1.1	[illegible]
SE	[illegible]	[illegible]	[illegible]									1.[illegible]	[illegible]
SSE	[illegible]	[illegible]	1.1									[illegible]	[illegible]
S	[illegible]	[illegible]	1.[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]										4.[illegible]	[illegible]
SW	[illegible]	1.[illegible]	1.[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								1.[illegible]	[illegible]
W	[illegible]	[illegible]	1.[illegible]	1.1								1.[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	1.1	[illegible]							1.[illegible]	[illegible]
NW	[illegible]	[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
NNW													
VARBL													
CALM												1.[illegible]	
	1.[illegible]	3[illegible]	2.[illegible]	[illegible]	[illegible]							1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE		[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE			[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE			[illegible]									[illegible]	[illegible]
NE		[illegible]										[illegible]	[illegible]
ENE		[illegible]										[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE													
SSE													
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL DATA

CLASS | HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	•
NNE													
NE													
ENE													
E													
ESE		•										•	
SE													
SSE													
S	•	•	1•	•7								•[illegible]	
SSW	•	1•[illegible]	[illegible]•4	1•4								1•	•
SW	•	1•	[illegible]•	1•								•	•[illegible]
WSW	•	2•	7•[illegible]	1•[illegible]								11•[illegible]	•[illegible]
W	•[illegible]	•[illegible]	27•[illegible]	17•2								2•	•
WNW	•[illegible]	[illegible]•1	•[illegible]	7•[illegible]	•[illegible]							15•	1••
NW			•	•[illegible]								•[illegible]	1•[illegible]
NNW		•[illegible]	•[illegible]									1•	•
VARBL													
CALM												•	
	•1	1[illegible]•2	5[illegible]•	2[illegible]•5	•[illegible]							1[illegible]0•	•[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]1

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	•
NNE													
NE	•											•	•
ENE	•	•										•	•
E	•	•										•	•
ESE	•	•										•	•
SE													
SSE	•	•										•	•
S	•	•	•									•	•
SSW	•	•	•									•	•
SW	•	•	•									•	•
WSW	•	•	•	•								•	•
W	•	•	•	•								•	•
WNW	•	•	•	•								•	•
NW	•	•	•	•								•	•
NNW	•	•										•	•
VARBL													
CALM												•	
	•	•	•	•								•	•

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS - L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]		[illegible]									[illegible]	[illegible]
NE	[illegible]											[illegible]	[illegible]
ENE													
E		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]		[illegible]									[illegible]	[illegible]
SE	[illegible]		[illegible]									[illegible]	[illegible]
SSE													
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								100	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•											•	•
NNE			•									•	•
NE													
ENE													
E													
ESE			•									•	•
SE													
SSE													
S	•	•	•									•	•
SSW	•	•	•	1 •								•	•
SW	•	•	1 •	•								•	•
WSW	1 •	•	11 •	1 •								1 •	•
W	•	•	11 •	•								13 •	•
WNW	•	•	•	1 •								•	•
NW		•	1 •	•								•	•
NNW	•	1 •	•									•	•
VARBL													
CALM												•	
	•	•	5 •	•								1 5 •	•

TOTAL NUMBER OF OBSERVATIONS 4

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME [illegible] | YEARS | MONTH

CLASS ALL CLASSES | HOURS (LST) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]		[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible], ALTE[illegible]A YEARS: [illegible] MONTH: [illegible]

CLASS: ALL [illegible] HOURS: [illegible] S T

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	[illegible]											[illegible]	[illegible]
NE													
ENE		[illegible]										[illegible]	[illegible]
E													
ESE			[illegible]									[illegible]	[illegible]
SE													
SSE													
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
NNW													
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS LST

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	∑	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		•	•									•	•
NNE	•											•	•
NE													
ENE				•								•	•
E		•	•									•	•
ESE			•									•	•
SE			•									•	•
SSE													
S	•	•	•	•								•	•
SSW	•	•	•									•	•
SW		•	•	•								•	•
WSW	•	•	•	•								•	•
W	•	•	•	•								•	•
WNW	•	•	•	•								•	•
NW		•	•	•	•							•	•
NNW		•	•									•	•
VARBL													
CALM												•	
	•	•	•	•	•							•	•

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•		•	•								•	•
NNE	•	•										•	•
NE	•	•										•	•
ENE	•	•	•									•	•
E		•										•	•
ESE	•	•										•	•
SE	•	•										•	•
SSE	•	•										•	•
S	•	•	•									•	•
SSW	•	•	•									•	•
SW	•	•	•									•	•
WSW	•	•	•	•		•						•	•
W	•	•	•	•								•	•
WNW	•	•	•	•	•							•	•
NW	•	•	•	•								•	•
NNW	•	•	•	•	•							•	•
VARBL													
CALM												•	
	•	•	•	•	•	•						•	•

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•	•								•	•
NNE		•	•	•								•	•
NE													
ENE													
E													
ESE			•									•	•
SE		•										•	•
SSE													
S	•	•										•	•
SSW		•	•	•								•	•
SW	•	•	•	•								•	•
WSW	•	•	•	•								•	•
W	•	•	•	•	•	•						•	•
WNW	•	•	•	•	•	•						•	•
NW	•	•	•	•								•	•
NNW	•	•	•	•	•							•	•
VARBL													
CALM												•	
	•	•	•	•	•	•						•	•

TOTAL NUMBER OF OBSERVATIONS 4

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	∿	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

STATION NUMBER

YEARS

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	TL	MEAN SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NUMBER YEARS

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

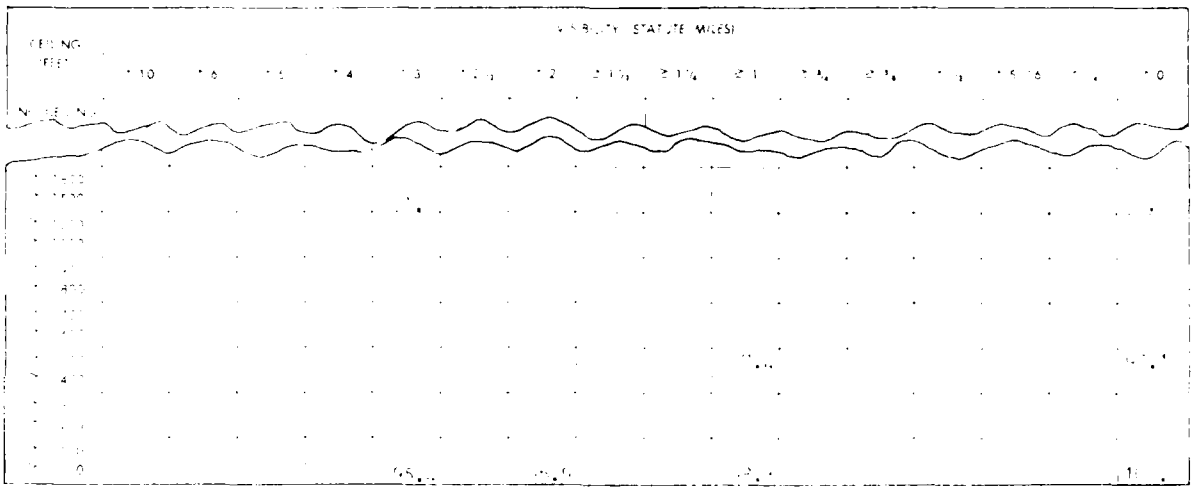
SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

PART D CEILING VERSUS VISIBILITY

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = [illegible]%.
Ceiling ≥ 500 feet = 96.1%.

EXAMPLE # [illegible] Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour group, it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency [illegible] over and total number of observations. It is presented in two tables as follows:

1. [illegible] monthly and annual - all hours and all years combined.

2. [illegible] monthly - by standard 3-hour groups.

NOTE: 1: Sky cover (total cloud amount) was not reported by U.S. Services until [illegible] available, were punched for Air Force stations beginning in 1946, but were [illegible] Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount [illegible] hours beginning sometime in 1945, but few stations have punched [illegible] years will, of course, be limited to periods of available data.

NOTE: 2: Sky cover [illegible] punched data [illegible] for this summary reported cloud amount [illegible] were converted to tenths prior to summarizing, [illegible] data were all in tenths, reported in octas, the [illegible]

Octas	Tenths
[illegible]	[illegible]

NOTE: 3: [illegible] 1951 [illegible] cloud amount in tenths of sky cover. [illegible]

Clear [illegible]
Scattered [illegible]
Broken [illegible]
Overcast [illegible]
[illegible]

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS [illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

[illegible]

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1500														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF REPORTS

CEILING VERSUS

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING													
≥ 20000													
≥ 18000													
≥ 16000													
≥ 14000													
≥ 12000													
≥ 10000													
≥ 9000													
≥ 8000													
≥ 7000													
≥ 6000													
≥ 5000													
≥ 4500													
≥ 4000													
≥ 3500													
≥ 3000													
≥ 2500													
≥ 2000													
≥ 1800													
≥ 1500													
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500													
≥ 400													
≥ 300													
≥ 200													
≥ 100													
≥ 0													

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET*	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅛	< ⅛
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

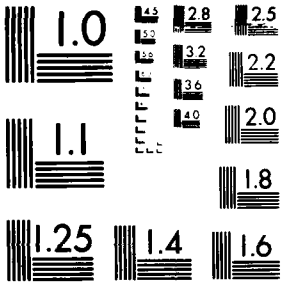
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1500														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

AD A150 383 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) SAN CLEMENTE ISLAND(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC OCT 83 3/4

UNCLASSIFIED F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

OPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMCS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS - L S T

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANMET 5110/5

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

OPNAVINST 3144.1 SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____ L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAVSCEATTEST

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIR NAVOCEANSIET 5505

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVLEANMET 5400S

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANSYSTCOM 3120/5

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET ... AMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, FAYETTEVILLE, NC

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) ____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS ____

DIRNAVOCEANPET 5470S

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 5105

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

F-NAVOCEANMET 5/70S

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPMAVCEFAMOLT [illegible]

NAVAL WEATHER SERVICE DETACHMENT [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

[illegible]

NAVAL WEATHER SERVICE OFFICE OF TECHNICAL APPLICATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVWEASCOMMFT 3005

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NATIONAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIPLAVOUE A/2/ET 5/75

NAVAL WEATHER SERVICE ENGINEERING DEPARTMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIR NVOCEANNET

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT [illegible]

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANWET [illegible]

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIPLAVOCEANNET 5/70S

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DMA/AWS/CEA/OFT 0005

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	> ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	> 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NATIONAL WEATHER RECORD CLIMATOLOGY AND ECOLOGY NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

USWB/OCE ANMET 5-70 DS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIPLAVOLEAVOET 5505

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DMNA/OCEANNET 5/73

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	< 5/16
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANSVCFT

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DMA AVOICE ANNSET 5705

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1500														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL WEATHER SERVICE COMMAND, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DPLA-1-GEA/MET (2/64)

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS [illegible]

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

[illegible]

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ [illegible]	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DEPARTMENT OF THE NAVY

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅛	≥ 0	≥ 5/16	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DISPLAY CLEAR SHEET

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	> 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES: ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1500														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1500														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBIL

STATION STATION NAME YEARS MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	?
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

STATION NUMBER STATION NAME

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

SKY COVER

STATION STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
TOTAL														

SKY COVER

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

SKY COVER

[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTAL		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM

SKY COVER

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

SKY COVER

STATION STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OBS
		0	1	2	3	4	5	6	7	8	9	10		
TOTAL														

4

SKY COVER

[illegible]

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTAL		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF OCCURRENCE										MEAN
		0	1	2	3	4	5	6	7	8	9	

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										
	0	1	2	3	4	5	6	7	8	9	10

SKY COVER

4

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

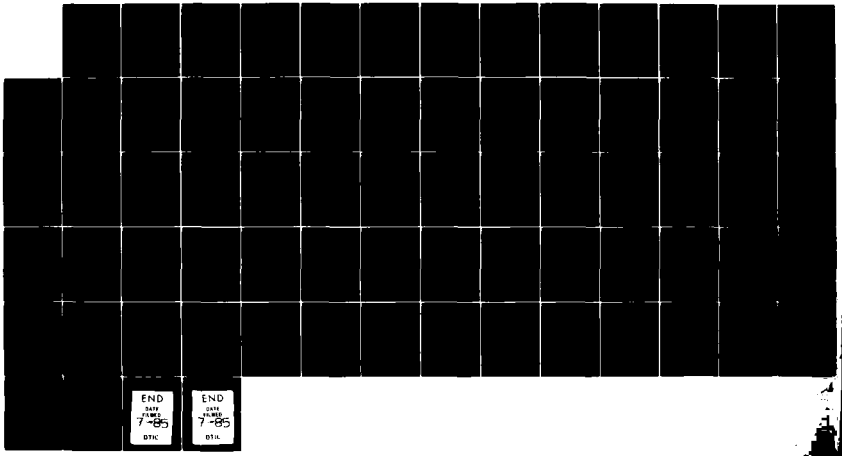
SKY COVER

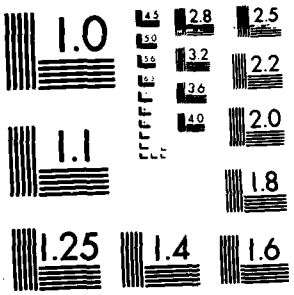
4

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

AD A150 383 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) SAN CLEMENTE ISLAND(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC OCT 83 #4

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

4

SKY COVER

[illegible] AN CLEMENTE ISLAND, CALIFORNIA 73-82 [illegible]

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]1	43.[illegible]			2[illegible]						11.1	23.[illegible]	[illegible]	[illegible]
	[illegible]	40.2			27.[illegible]						1[illegible]	2[illegible].7	[illegible]	[illegible]
	[illegible]	2[illegible].3			2[illegible].1						25.6	2[illegible]	[illegible].1	[illegible]
	1	2[illegible].7			27.8						2[illegible].1	16.[illegible]	[illegible]	[illegible]
	1	3 .2			33.3						2[illegible].8	1[illegible].1	[illegible].8	[illegible]
	1	2[illegible].7			3 .1						2[illegible]	1[illegible].8	[illegible]	[illegible]
	1	2 .[illegible]			31.[illegible]						1[illegible].4	19.[illegible]	[illegible].8	[illegible]
	2	4 .[illegible]			2[illegible].3						1[illegible].1	15.4	[illegible].8	[illegible]
TOTALS		[illegible]			2[illegible].8						1[illegible].[illegible]	1[illegible].7	[illegible].5	21[illegible]5

NAVWEASERVCOM

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	SAN CLEMENTE ISLAND, CALIFORNIA	73-[illegible]	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	1	44.[illegible]			22.7						11.7	21.3	[illegible]	[illegible]
	4	42.[illegible]			[illegible]						15.[illegible]	20.2	4.1	[illegible]
	[illegible]	24.[illegible]			33.6						21.3	2[illegible].3	4.[illegible]	[illegible]
	1	[illegible].1			27.4						23.1	21.[illegible]	[illegible]	[illegible]
	1	2[illegible].1			[illegible]						21.[illegible]	20.1	4.[illegible]	[illegible]
	1	2[illegible].2			31.[illegible]						19.[illegible]	22.[illegible]	[illegible]	[illegible]
	1[illegible]	32.4			32.[illegible]						17.4	17.4	4.3	[illegible]
	[illegible]	[illegible]			31.7						1[illegible].1	1[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			29.1						17.6	20.4	4.5	23[illegible]2

SKY COVER

93117 SAN CLEMENTE ISLAND, CALIFORNIA 73-82 ALL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	27.6			26.7						20.4	25.2	5.2	237[illegible]
FEB		27.5			27.6						17.0	27.9	5.2	2[illegible]
[illegible]		[illegible]			27.1						21.7	22.3	5.0	237[illegible]
APR		2[illegible]			26.5						19.3	26.6	5.1	22[illegible]
MAY		1[illegible]			19.1						16.6	44.0	6.5	2219
JUN		[illegible]			16.9						17.5	41.7	6.7	2245
JUL		1[illegible]			15.2						19.9	45.6	6.9	2[illegible]
[illegible]		1[illegible].7			17.0						22.2	44.6	7.0	23[illegible]
SEP		[illegible]			18.5						20.1	41.4	6.5	2247
OCT		2[illegible].7			24.1						21.0	25.3	5.1	2333
NOV		[illegible]			26.8						19.9	18.3	4.5	21[illegible]
DEC		32.			29.1						17.6	20.4	4.5	2352
TOTALS		2[illegible]			27.4						19.5	32.0	5.7	27348

NAVWEASERVCOM

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the [illegible] of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry-bulb temperatures spread vertically in four-degree increments and horizontally by eight wind directions (plus calm).

4

DAILY TEMPERATURES

STATION	STATION NAME	YEARS
[illegible]	[illegible] CLEMENTE, CALIFORNIA	63-[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
≥ 100						.[illegible]			.[illegible]				.
≥ [illegible]									1.0				.[illegible]
≥ [illegible]					.[illegible]	.5			1.[illegible]	1.2	.[illegible]		.
≥ [illegible]			.	.5	.7	.7	.2	.3	3.	2.7	.[illegible]		.
≥ [illegible]	.	.2	.[illegible]	.[illegible]	1.7	1.7	1.2	1.9	6.[illegible]	4.7	1.[illegible]		[illegible].
≥ [illegible]	[illegible].	1.[illegible]	1.[illegible]	[illegible].[illegible]	3.4	6.[illegible]	10.0	1[illegible].5	16.0	12.5	4.1	.[illegible]	[illegible].[illegible]
≥ [illegible]	7.[illegible]	5.2	6.3	9.9	9.3	[illegible]3.5	41.6	66.0	5[illegible].1	42.5	16.[illegible]	6.4	2[illegible].[illegible]
≥ [illegible]	[illegible]1.[illegible]	[illegible]2.0	23.1	34.0	35.5	[illegible]6.7	92.[illegible]	9[illegible].5	95.6	87.9	59.2	[illegible]4.2	5[illegible].1
≥ [illegible]	[illegible]4.[illegible]	69.6	74.5	[illegible].4	91.[illegible]	[illegible]9.3	100.[illegible]	100.0	100.0	[illegible]9.7	96.[illegible]	79.4	[illegible].[illegible]
≥ [illegible]5	[illegible]7.[illegible]	99.6	99.6	100.0	100.0	100.0				100.0	99.5	95.0	[illegible].[illegible]
≥ [illegible]	100.[illegible]	100.0	100.[illegible]								100.0	99.8	1[illegible].[illegible]
≥ 4[illegible]												100.0	1[illegible].[illegible]
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	[illegible]	61.[illegible]	6[illegible].[illegible]	[illegible]	64.[illegible]	6[illegible].[illegible]	[illegible]	71.2	71.0	6[illegible].[illegible]	65.9	62.[illegible]	65.[illegible]
S.D.	4.[illegible]	4.[illegible]	4.3[illegible]	4.5[illegible]5	4.4[illegible]	4.710	3.[illegible]0	3.5[illegible]5	[illegible].485	5.2[illegible]4	4.55[illegible]	4.2[illegible]7	5.7[illegible]7
TOTAL OBS	[illegible]	[illegible]14	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5[illegible]	[illegible]	[illegible]	57[illegible]	5[illegible]	[illegible]

NAVWEASERVCOM

4

DAILY TEMPERATURES

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]								[illegible]	[illegible]	[illegible]			[illegible]
[illegible]						[illegible]	[illegible]	16.6	8.7	1.4			[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	1.7	[illegible]	51.4	87.7	76.3	[illegible]	[illegible]	1.1	[illegible]
[illegible]	[illegible]	12.1	[illegible]	14.[illegible]	[illegible]	[illegible]	99.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	78.5	[illegible]	[illegible]	[illegible]	100.0		100.0	[illegible]	[illegible]	62.6	[illegible]
[illegible]	[illegible]	25.3	[illegible]	[illegible]	99.6					[illegible]	99.1	93.3	[illegible]
[illegible]	[illegible]	100.0	[illegible]	100.0	100.0					100.0	100.0	[illegible]	[illegible]
[illegible]	100.0		[illegible]									100.0	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	3.379	2.913	2.775	2.432	2.388	2.541	2.221	2.682	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	514	[illegible]	[illegible]	594	571	[illegible]	564	587	561	[illegible]	577	[illegible]

NAVWEASERVCOM

DAILY TEMPERATURES

STATION [illegible], CALIFORNIA STATION NAME 63-6 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ANNUAL
≥									.				.
≥									1.	.3			.
≥			.		.	.5		.	3.4	[illegible].1	.		.
≥				.7	.5	1.	6.3	12.6	12.6	5.3	1.7		.
≥	2.	.	1.2	4.1	5.7	17.9	46.9	81.7	66.7	40.	9.	1.1	2
≥	1.1	16.7	16.2	7.2	43.4	4.6	97.9	100.0	100.0	94.3	62.7	19.9	57.
≥ 5	6.	74.7	84.7	1.7	98.	100.0	100.0			99.7	95.7	75.4	91.
≥	.7	99.8	99.6	100.0	100.0					100.0	99.6	98.7	99.
≥ 4	100.	100.0	100.								100.0	100.0	10
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	[illegible]	57.	57.1	59.1	59.5	6.3	.7	66.7	75.3	64.7	6.	57.	6.7
S.D.	.7	3.043	2.74	2.775	2.57	2.764	2.54	2.555	3.564	3.44	3.415	3.3	4.
TOTAL OBS		14	5	[illegible]	[illegible]	71	[illegible]	4	5?7	1	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME: [illegible] | YEARS: [illegible] | MONTH: [illegible]

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	DATE
1	[illegible]	13.1	[illegible]	16.1	[illegible]	[illegible]	1969	49.3	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	12.[illegible]	61.5	16.4	77	[illegible]	[illegible]	47.4	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	12.[illegible]	61.0	16.1	[illegible]	21.1	1982	47.2	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	12.4	[illegible]	16.1	[illegible]	[illegible]	1969	47.8	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	12.4	61.5	16.4	[illegible]	22.[illegible]	1969	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	12.[illegible]	61.9	16.1	[illegible]	[illegible]	[illegible]	48.[illegible]	[illegible]	[illegible]	5.6	1972*
7	[illegible]	12.[illegible]	[illegible]	15.7	[illegible]	19.4	[illegible]	48.7	9.3	[illegible]	6.1	[illegible]
8	[illegible]	12.[illegible]	[illegible]	15.6	[illegible]	18.3	1980*	49.1	[illegible]	[illegible]	5.6	[illegible]
9	[illegible]	12.[illegible]	[illegible]	15.[illegible]	6[illegible]	20.[illegible]	1982	49.[illegible]	9.4	[illegible]	5.6	1977*
10	[illegible]	13.4	[illegible]	16.[illegible]	[illegible]	22.[illegible]	1967	[illegible]	[illegible]	[illegible]	6.1	1977
11	[illegible]	12.9	61.1	[illegible]	71	21.[illegible]	1967	49.4	9.7	[illegible]	5.6	1977
12	[illegible]	13.3	62.1	16.7	[illegible]	[illegible]	1975	49.[illegible]	9.6	[illegible]	[illegible]	[illegible]
13	[illegible]	13.5	57.3	17.4	[illegible]	[illegible]	1975	49.4	9.[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	13.[illegible]	[illegible]	17.4	7[illegible]	26.1	1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	13.[illegible]	[illegible]	17.4	7[illegible]	23.[illegible]	1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	17.3	7[illegible]	[illegible]	1976	51.[illegible]	11.1	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	17.7	7[illegible]	[illegible]	1965	51.6	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	14.1	[illegible]	17.4	7[illegible]	24.4	1977	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	13.[illegible]	[illegible]	17.1	[illegible]	[illegible]	1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	13.7	[illegible]	16.7	[illegible]	[illegible]	1976	51.2	10.7	[illegible]	[illegible]	[illegible]
21	[illegible]	13.1	[illegible]	[illegible]	7[illegible]	22.[illegible]	1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	13.2	61.[illegible]	16.[illegible]	[illegible]	24.4	1975	49.6	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	13.3	61.6	16.[illegible]	[illegible]	24.4	1963	50.2	10.1	[illegible]	[illegible]	[illegible]
24	[illegible]	13.2	61.8	16.6	[illegible]	[illegible]	1963	49.7	9.8	[illegible]	5.6	[illegible]
25	[illegible]	12.[illegible]	[illegible]	15.6	[illegible]	19.4	1977*	49.3	9.9	[illegible]	[illegible]	[illegible]
26	[illegible]	12.[illegible]	[illegible]	15.6	[illegible]	19.4	1977	49.9	9.9	[illegible]	[illegible]	[illegible]
27	[illegible]	13.4	62.7	17.1	[illegible]	24.9	1971	49.5	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	13.[illegible]	62.6	17.[illegible]	[illegible]	24.4	1971	[illegible]	10.2	[illegible]	[illegible]	1979
29	[illegible]	12.9	[illegible]	16.[illegible]	[illegible]	22.[illegible]	1971	49.[illegible]	[illegible]	[illegible]	5.6	1977
30	[illegible]	12.7	[illegible]	15.5	[illegible]	[illegible]	[illegible]	49.3	[illegible]	[illegible]	3.9	1975
31	[illegible]	12.7	[illegible]	15.[illegible]	[illegible]	19.[illegible]	1930*	47.[illegible]	9.8	[illegible]	3.9	1977
Monthly	[illegible]	13.2	[illegible]	16.[illegible]	[illegible]	[illegible]	1975	49.[illegible]	9.8	[illegible]	2.2	[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	19[illegible]-19[illegible]	[illegible]

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	12.[illegible]	59.7	15.4	[illegible]	[illegible]	[illegible]	49.7	[illegible]	[illegible]	[illegible].1	[illegible]
2	[illegible]	13.1	61.1	16.[illegible]	[illegible]	19.[illegible]	[illegible]	49.9	[illegible]	[illegible]	[illegible].8	[illegible]
3	[illegible]	13.6	62.7	17.1	[illegible]	[illegible]	[illegible]	57.1	13.1	[illegible]	[illegible].6	[illegible]
4	[illegible]	13.[illegible]	62.8	17.1	7[illegible]	[illegible].2	1963	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible]
5	[illegible]	13.3	61.3	16.3	7[illegible]	23.[illegible]	1932	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]
6	[illegible]	13.4	61.2	16.2	[illegible]	19.[illegible]	1977	53.2	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible].4	13.[illegible]	[illegible]	15.7	6[illegible]	13.[illegible]	1977	52.4	[illegible]	[illegible]	6.1	[illegible]
8	[illegible]	13.[illegible]	61.6	16.4	7[illegible]	21.[illegible]	198[illegible]	50.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	14.1	[illegible].2	16.[illegible]	7[illegible]	[illegible]	1964	52.4	11.3	[illegible]	[illegible]	[illegible]
10	[illegible]	13.4	[illegible]	16.7	7[illegible]	[illegible]	1971	[illegible]	10.1	[illegible]	[illegible].7	[illegible]
11	[illegible]	13.[illegible]	62.[illegible]	17.2	7[illegible]	[illegible]	1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	13.[illegible]	62.6	17.1	8[illegible]	[illegible]	1971	51.1	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	13.[illegible]	[illegible].4	16.[illegible]	7[illegible]	[illegible]	1972	51.7	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible].4	17.[illegible]	[illegible]	15.[illegible]	6[illegible]	[illegible]	1981*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	13.[illegible]	61.7	16.[illegible]	6[illegible]	[illegible]	1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	13.[illegible]	61.7	16.5	7[illegible]	21.1	1981*	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	13.9	62.1	16.7	7[illegible]	21.1	1981	51.[illegible]	11.1	[illegible]	[illegible].9	[illegible]
18	[illegible]	13.[illegible]	[illegible].1	17.3	7[illegible]	24.4	1981	50.6	10.3	[illegible]	[illegible].1	[illegible]
19	[illegible]	14.[illegible]	63.7	17.6	7[illegible]	[illegible]	1963	51.6	10.9	[illegible]	[illegible].7	[illegible]
20	[illegible]	13.[illegible]	62.4	16.[illegible]	7[illegible]	21.1	1982*	51.[illegible]	[illegible].7	[illegible]	[illegible].7	[illegible]
21	[illegible]	13.3	62.1	16.7	7[illegible]	21.7	1981	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible].6	13.7	62.2	16.4	7[illegible]	21.1	1981*	50.4	10.5	[illegible]	[illegible]	[illegible]
23	[illegible]	13.6	62.2	16.[illegible]	6[illegible]	19.4	1982*	50.[illegible]	10.4	[illegible]	[illegible].1	[illegible]
24	56.7	13.7	62.3	16.[illegible]	7[illegible]	22.[illegible]	1974	51.1	[illegible].6	[illegible]	[illegible].5	[illegible]
25	[illegible].6	13.7	62.6	17.[illegible]	7[illegible]	22.[illegible]	1974	[illegible].5	[illegible]	[illegible]	[illegible].6	[illegible]
26	[illegible].7	13.2	60.7	15.9	6[illegible]	19.4	1980	50.[illegible]	10.4	[illegible]	7.2	[illegible]
27	[illegible].2	13.3	[illegible]	16.7	7[illegible]	23.[illegible]	1967	49.7	9.8	[illegible]	[illegible].7	[illegible]
28	[illegible]	13.[illegible]	[illegible].1	17.7	7[illegible]	25.[illegible]	1967	51.[illegible]	11.[illegible]	[illegible]	7.2	[illegible]
29	[illegible].6	14.[illegible]	[illegible].6	17.[illegible]	6[illegible]	23.[illegible]	198[illegible]	53.6	12.[illegible]	[illegible]	11.6	[illegible]
30												
31												
Monthly	[illegible].4	13.6	61.9	16.[illegible]	8	[illegible]	1971	50.[illegible]	10.4	4	4.4	1979

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION NAME: [illegible] YEARS: [illegible]

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	DATE
1	[illegible]	13.[illegible]	[illegible]	1[illegible]	6[illegible]	[illegible]	[illegible]	51.7	1[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	13.[illegible]	1.1	1[illegible]	[illegible]	[illegible]	1972	51.[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	13.4	1.6	16.4	7[illegible]	21.[illegible]	1984	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	13.7	[illegible]	17.1	7[illegible]	[illegible]	1972	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	13.[illegible]	[illegible]	17.4	7[illegible]	[illegible]	1979	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	13.[illegible]	[illegible]	17.7	[illegible]	[illegible]	1979	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	13.[illegible]	[illegible]	16.7	7[illegible]	22.[illegible]	1979	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	13.4	[illegible]	16.3	7	[illegible]	1983	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	13.[illegible]	[illegible]	16.[illegible]	7[illegible]	22.[illegible]	1982	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	13.[illegible]	[illegible]	16.[illegible]	7[illegible]	22.[illegible]	1983	51.[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	13.[illegible]	[illegible]	16.7	6[illegible]	19.[illegible]	1963	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	13.[illegible]	[illegible]	16.1	6	[illegible]	1976	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	13.4	[illegible]	16.1	7	[illegible]	1[illegible]	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	13.[illegible]	[illegible]	16.[illegible]	7[illegible]	[illegible]	1984	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	13.[illegible]	[illegible]	17.[illegible]	7	[illegible]	197[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1979	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	14.[illegible]	[illegible]	18.[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	11.7	[illegible]	[illegible]	[illegible]
18	[illegible]	12.7	[illegible]	16.[illegible]	7	[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	13.[illegible]	[illegible]	16.[illegible]	6	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	13.[illegible]	[illegible]	16.7	6	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	12.[illegible]	[illegible]	17.1	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	14.1	[illegible]	16.[illegible]	6[illegible]	[illegible]	[illegible]	[illegible]	11.4	[illegible]	[illegible]	[illegible]
23	[illegible]	13.[illegible]	[illegible]	15.7	7	[illegible]	[illegible]	[illegible]	11.2	[illegible]	[illegible]	[illegible]
24	[illegible]	13.1	[illegible]	17.4	6	[illegible]	1974	[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	14.[illegible]	[illegible]	17.[illegible]	7	[illegible]	1971	[illegible]	11.1	[illegible]	[illegible]	[illegible]
26	[illegible]	14.1	[illegible]	17.[illegible]	7	24.4	1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	14.[illegible]	[illegible]	17.[illegible]	6	[illegible]	[illegible]	[illegible]	11.2	[illegible]	[illegible]	[illegible]
28	[illegible]	13.[illegible]	[illegible]	16.[illegible]	6[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	13.[illegible]	[illegible]	1[illegible]	7	22.[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	13.[illegible]	[illegible]	[illegible]	7	[illegible]	197[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	12.7	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1981
Monthly	[illegible]	13.[illegible]	[illegible]	16.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible]

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	13.7	61.4	16.4	7[illegible]	[illegible]	1971	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	13.[illegible]	61.[illegible]	16.4	6[illegible]	19.[illegible]	1971	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	13.7	[illegible]	17.[illegible]	7[illegible]	[illegible]	1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	14.4	[illegible]	18.4	[illegible]	[illegible]	1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	14.6	64.7	18.2	[illegible]	[illegible]	1971	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	13.[illegible]	[illegible]	17.4	6[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	14.[illegible]	63.2	17.4	6[illegible]	[illegible]	[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	14.1	[illegible]	17.7	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	14.[illegible]	64.[illegible]	18.3	[illegible]	[illegible]	1968	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	14.7	64.[illegible]	13.7		[illegible]	1968	[illegible]	11.7	[illegible]	[illegible]	[illegible]
11	[illegible]	14.2	63.6	17.[illegible]	7[illegible]	[illegible]	[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	13.3	[illegible]	17.7	7	[illegible]	[illegible]	51.[illegible]	11.[illegible]	[illegible]	[illegible]	1967
13	[illegible]	14.7	64.6	18.1	7[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	14.[illegible]	64.3	17.[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	14.[illegible]	64.5	18.1	[illegible]	[illegible]	1968	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	13.[illegible]	[illegible]	16.7	6[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	13.[illegible]	[illegible].1	16.7	7	[illegible]	[illegible]	[illegible]	11.1	[illegible]	[illegible]	[illegible]
18	[illegible]	13.[illegible]	[illegible].1	16.7	6	[illegible]	[illegible]	[illegible]	11.1	[illegible]	[illegible]	[illegible]
19	[illegible]	14.2	64.[illegible]	17.8	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	14.1	63.3	17.4	7	[illegible].1	[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	14.2	[illegible]	17.7	[illegible]	20.7	1962	51.7	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	14.[illegible]	[illegible]	17.8	7[illegible]	24.4	[illegible]	[illegible].3	11.7	[illegible]	[illegible]	[illegible]
23	7[illegible]	14.4	[illegible]	17.7	7[illegible]	[illegible]	[illegible]	[illegible]	11.1	[illegible]	[illegible]	[illegible]
24	[illegible]	14.5	[illegible].4	17.[illegible]	7[illegible]	[illegible]	1965	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	14.[illegible]	[illegible].4	[illegible]	7[illegible]	[illegible]	1965	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	14.7	[illegible].7	[illegible]	[illegible]	[illegible]	1965	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	14.7	64.3	17.	7[illegible]	[illegible]	1969	[illegible]	11.	[illegible]	[illegible]	[illegible]
28	[illegible]	14.[illegible]	64.4	15.[illegible]	7	[illegible]	1971	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	14.[illegible]	[illegible].6	17.[illegible]	7	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	14.4	[illegible].5	17.1	7	[illegible]	1971	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
31												
Monthly	7[illegible]	14.4	[illegible].6	17.[illegible]	5	[illegible]	1971	[illegible]	11.1	[illegible]	[illegible].1	[illegible]

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible] STATION NAME [illegible] YEARS [illegible]

	MEAN TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
Day	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	14.3	[illegible]	17.7	6	[illegible]	1977*	[illegible]	11.4	[illegible]	[illegible]	[illegible]
2	[illegible]	14.2	[illegible]	17.2	7	24.[illegible]	1979	[illegible]	11.7	[illegible]	[illegible]	[illegible]
3	[illegible]	14.6	[illegible]	17.7	7	[illegible]	[illegible]	[illegible]	12.9	[illegible]	[illegible]	[illegible]
4	[illegible]	14.3	[illegible]	16.[illegible]	6	[illegible]	1951*	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	14.3	[illegible]	16.[illegible]	6	[illegible]	1971	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	14.3	[illegible]	17.4	7	22.[illegible]	1973	[illegible]	11.4	[illegible]	[illegible]	[illegible]
7	[illegible]	14.6	[illegible]	17.4	7	23.[illegible]	1973	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	14.7	[illegible]	17.4	7	27.[illegible]	1979	[illegible]	12.1	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	17.4	7	27.[illegible]	1981	[illegible]	12.3	[illegible]	[illegible]	[illegible]
10	[illegible]	14.7	[illegible]	17.4	7	26.[illegible]	1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	17.7	7	24.4	1973	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	16.3	[illegible]	26.4	1979	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	16.1	[illegible]	34.[illegible]	1979	[illegible]	12.7	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.[illegible]	1967	[illegible]	12.[illegible]	[illegible]	11.1	[illegible]
15	[illegible]	[illegible]	[illegible]	18.4	[illegible]	28.6	1967	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	17.7	7	24.[illegible]	1977	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	16.8	[illegible]	30.[illegible]	1971	[illegible]	12.[illegible]	[illegible]	[illegible]	1971
18	[illegible]	[illegible]	[illegible]	18.[illegible]	[illegible]	[illegible]	1973	[illegible]	12.4	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	17.6	7	21.[illegible]	1973	[illegible]	12.[illegible]	[illegible]	10.6	[illegible]
20	[illegible]	[illegible]	[illegible]	17.6	6	19.[illegible]	1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	16.1	[illegible]	21.[illegible]	1979	[illegible]	12.4	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	17.6	6	[illegible]	1951*	[illegible]	[illegible]	[illegible]	11.1	[illegible]
23	[illegible]	[illegible]	[illegible]	17.6	7	22.[illegible]	1973	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	17.4	7	22.[illegible]	1951	[illegible]	12.[illegible]	[illegible]	11.1	[illegible]
25	[illegible]	[illegible]	[illegible]	17.[illegible]	[illegible]	23.[illegible]	1979	[illegible]	12.7	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	16.[illegible]	[illegible]	23.[illegible]	[illegible]	[illegible]	12.7	[illegible]	[illegible]	1977
27	[illegible]	[illegible]	[illegible]	18.[illegible]	7	27.[illegible]	1951	[illegible]	12.[illegible]	[illegible]	11.1	[illegible]
28	[illegible]	[illegible]	[illegible]	19.[illegible]	[illegible]	26.[illegible]	1973	[illegible]	13.1	[illegible]	[illegible]	1977
29	[illegible]	[illegible]	[illegible]	18.7	7	[illegible]	1979	56.[illegible]	12.[illegible]	[illegible]	[illegible]	1977
30	[illegible]	[illegible]	[illegible]	17.[illegible]	7	22.[illegible]	1973	[illegible]	12.1	[illegible]	[illegible]	1977
31	[illegible]	[illegible]	[illegible]	16.[illegible]	7	23.[illegible]	1981	[illegible]	12.1	[illegible]	10.[illegible]	[illegible]
Monthly	[illegible]	[illegible]	[illegible]	17.[illegible]	[illegible]	34.[illegible]	1979	[illegible]	12.[illegible]	[illegible]	6.7	1974

*ALSO ON EARLIER YEARS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	[illegible]

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	DATE
1	[illegible]	15.4	64.3	18.3	[illegible]	[illegible]	1981	52.7	11.5	[illegible]	11.1	[illegible]
2	[illegible]	16.[illegible]	65.7	18.7	[illegible]	[illegible]	1981	55.[illegible]	1[illegible].3	[illegible]	11.1	[illegible]
3	[illegible]	15.[illegible]	[illegible]	18.4	7[illegible]	[illegible]	1981	55.[illegible]	11.1	[illegible]	11.1	[illegible]
4	[illegible]	16.[illegible]	[illegible]	16.6	7[illegible]	[illegible]	1981	55.[illegible]	11.2	[illegible]	11.7	[illegible]
5	[illegible]	16.2	[illegible]	18.7	7[illegible]	[illegible]	1981	56.[illegible]	13.4	[illegible]	11.1	[illegible]
6	[illegible]	16.1	[illegible]	18.[illegible]	7[illegible]	[illegible]	1981	56.[illegible]	11.7	[illegible]	11.1	[illegible]
7	[illegible]	15.[illegible]	[illegible]	19.2	7[illegible]	[illegible]	1981	55.[illegible]	13.6	[illegible]	11.7	[illegible]
8	[illegible]	[illegible]	[illegible]	18.[illegible]	7[illegible]	24.4	1981	56.[illegible]	13.4	[illegible]	12.2	[illegible]
9	[illegible]	15.2	[illegible]	19.1	[illegible]	[illegible]	1979	56.[illegible]	13.[illegible]	[illegible]	11.7	[illegible]
10	[illegible]	15.4	67.7	19.[illegible]	1[illegible]	[illegible]	1979	56.[illegible]	13.[illegible]	[illegible]	12.2	[illegible]
11	[illegible]	16.[illegible]	66.7	19.[illegible]	7[illegible]	26.1	1979	56.[illegible]	13.[illegible]	[illegible]	12.2	[illegible]
12	[illegible]	16.[illegible]	[illegible]	19.4	7[illegible]	24.4	1979	56.[illegible]	13.[illegible]	[illegible]	12.2	[illegible]
13	[illegible]	15.4	66.5	19.[illegible]	7[illegible]	23.7	1981	57.1	13.9	[illegible]	11.7	[illegible]
14	[illegible]	16.7	[illegible]	19.4	7[illegible]	24.4	1981	57.[illegible]	14.[illegible]	[illegible]	12.2	[illegible]
15	[illegible]	16.9	[illegible]	19.7	[illegible]	[illegible]	1981	57.5	14.2	[illegible]	11.7	[illegible]
16	[illegible]	16.[illegible]	67.1	19.4	9[illegible]	32.9	1981	57.1	13.9	[illegible]	11.7	[illegible]
17	[illegible]	16.7	66.4	19.4	6[illegible]	27.[illegible]	1981	57.3	14.1	[illegible]	12.[illegible]	[illegible]
18	[illegible]	17.[illegible]	67.7	19.8	7[illegible]	25.[illegible]	1981	57.6	14.2	[illegible]	12.2	[illegible]
19	[illegible]	17.1	[illegible]	19.9	7	25.[illegible]	1981	57.[illegible]	14.4	[illegible]	12.[illegible]	1977
20	[illegible]	17.2	67.3	19.6	7	25.[illegible]	1973	58.6	14.[illegible]	[illegible]	12.2	[illegible]
21	[illegible]	17.1	[illegible]	19.3	7	27.[illegible]	1973	57.9	14.4	[illegible]	12.2	[illegible]
22	[illegible]	17.2	68.2	20.1	7[illegible]	25.[illegible]	1981	57.6	14.[illegible]	[illegible]	11.7	[illegible]
23	[illegible]	17.3	[illegible]	20.1	6	26.7	1975	58.3	14.6	[illegible]	11.1	[illegible]
24	[illegible]	17.4	[illegible]	20.[illegible]	9[illegible]	32.7	1976	58.6	14.6	[illegible]	12.3	[illegible]
25	[illegible]	17.3	[illegible]	[illegible]	[illegible]	29.9	1976	58.[illegible]	14.6	[illegible]	11.1	[illegible]
26	[illegible]	17.7	[illegible]	[illegible]	8	27.[illegible]	1976	58.[illegible]	14.7	[illegible]	11.7	[illegible]
27	[illegible]	17.3	65.3	20.[illegible]	8	26.7	1975	58.1	14.5	[illegible]	11.1	[illegible]
28	[illegible]	17.2	67.5	19.7	7	[illegible]	1975	58.5	14.7	[illegible]	12.3	[illegible]
29	[illegible]	17.2	67.2	19.[illegible]	7[illegible]	23.7	1981	59.[illegible]	15.6	[illegible]	12.[illegible]	[illegible]
30	[illegible]	17.3	[illegible]	20.1	7	27.[illegible]	197[illegible]	59.[illegible]	14.6	[illegible]	1[illegible].[illegible]	19[illegible]
31												
Monthly	[illegible]	16.7	67.[illegible]	19.4	101	38.7	1979	57.7	14.1	[illegible]	11.1	1979*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	17.4	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	14.[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	17.4	[illegible]	21.1	7[illegible]	24.4	[illegible]	[illegible]	14.6	[illegible]	[illegible]	[illegible]
3	[illegible]	17.4	68.1	20.1	7[illegible]	24.4	1963	[illegible]	14.8	[illegible]	[illegible]	[illegible]
4	[illegible]	17.4	69.5	20.3	[illegible]	[illegible]	1951	[illegible]	14.7	[illegible]	11.1	[illegible]
5	[illegible]	17.3	[illegible]	21.1	[illegible]	26.7	19[illegible]1	[illegible]	14.6	55	12.8	1977*
6	[illegible]	17.3	[illegible]	21.1	7[illegible]	24.4	1941	[illegible]	14.6	[illegible]	12.[illegible]	1977
7	[illegible]	17.2	67.5	19.7	7[illegible]	27.[illegible]	1981	58.4	14.7	[illegible]	13.7	[illegible]
8	[illegible]	17.6	68.8	20.4	7[illegible]	23.[illegible]	1981*	[illegible]	[illegible]	[illegible]	12.2	[illegible]
9	[illegible]	17.7	[illegible]	21.4	7[illegible]	[illegible]	1981	[illegible]	15.1	[illegible]	12.2	[illegible]
10	[illegible]	17.8	[illegible]	[illegible]	7[illegible]	25.7	1971	59.1	15.1	[illegible]	13.3	[illegible]
11	[illegible]	17.8	[illegible]	20.[illegible]	7[illegible]	[illegible]	1971	[illegible]	14.7	[illegible]	12.[illegible]	[illegible]
12	[illegible]	17.2	[illegible]	20.[illegible]	7[illegible]	[illegible]	1979	56.7	14.[illegible]	[illegible]	13.3	[illegible]
13	[illegible]	17.6	67.7	19.8	7[illegible]	[illegible]	[illegible]	59.2	15.1	[illegible]	13.6	[illegible]
14	[illegible]	17.8	[illegible]	[illegible]	[illegible]	[illegible]	1976	59.4	15.3	[illegible]	11.7	[illegible]
15	[illegible]	17.6	[illegible]	20.4	7	[illegible]	1975	[illegible]	15.5	[illegible]	11.7	[illegible]
16	[illegible]	17.6	68.7	20.4	7	24.4	1974	59.7	15.4	[illegible]	12.[illegible]	[illegible]
17	[illegible]	16.1	[illegible]	[illegible]	7	24.4	1951	58.3	15.7	[illegible]	13.[illegible]	[illegible]
18	[illegible]	13.[illegible]	[illegible]	20.[illegible]	7[illegible]	23.[illegible]	1-79[illegible]	[illegible]	1[illegible].6	[illegible]	13.[illegible]	[illegible]
19	[illegible]	17.[illegible]	[illegible]	[illegible]	7	[illegible]	1973*	57.7	15.4	[illegible]	13.[illegible]	[illegible]
20	[illegible]	18.1	[illegible]	21.[illegible]	7	26.1	1974	59.6	1[illegible].7	[illegible]	13.[illegible]	[illegible]
21	[illegible]	18.[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	15.5	[illegible]	[illegible]	[illegible]
22	[illegible]	1[illegible].7	[illegible]	21.2	81	[illegible]	1952	59.5	[illegible]	[illegible]	17.[illegible]	[illegible]
23	[illegible]	18.5	[illegible]	21.[illegible]	7	[illegible]	1977	[illegible]	15.[illegible]	[illegible]	12.[illegible]	[illegible]
24	[illegible]	1[illegible].7	[illegible]	[illegible]	7[illegible]	27.[illegible]	1974	[illegible]	1[illegible].6	[illegible]	11.7	[illegible]
25	[illegible]	18.4	[illegible]	21.[illegible]	77	[illegible]	1960	58.3	1[illegible].5	[illegible]	13.3	1977*
26	[illegible]	1[illegible]	[illegible]	21.3	8[illegible]	26.7	19[illegible]	[illegible]	15.[illegible]	[illegible]	12.[illegible]	1977
27	[illegible]	[illegible]	[illegible]	21.[illegible]	8[illegible]	[illegible]	1977	61.[illegible]	1[illegible].1	[illegible]	14.4	[illegible]
28	[illegible]	[illegible]	[illegible]	21.[illegible]	7	[illegible]	1977	5[illegible].[illegible]	1[illegible].0	[illegible]	14.4	1977*
29	[illegible]	[illegible]	[illegible]	21.4	7[illegible]	[illegible]	1979*	61.[illegible]	1[illegible].4	[illegible]	13.9	1977
30	[illegible]	17.[illegible]	[illegible]	21.[illegible]	7	[illegible]	198[illegible]	[illegible]	16.7	[illegible]	14.4	1978
31	[illegible]	19.1	[illegible]	21.[illegible]	[illegible]	[illegible]	198[illegible]	[illegible]	16.[illegible]	[illegible]	14.4	1965
Monthly	[illegible]	18.[illegible]	[illegible]	20.[illegible]	[illegible]	[illegible]	1977	59.7	15.4	[illegible]	11.1	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible] YEARS

DATE	MEAN TEMP	MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			DATE	MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME			DATE
1	[illegible]	19.1	[illegible]	21.[illegible]	[illegible]	[illegible]	1972	61.7	1[illegible]	[illegible]	14.4	[illegible]	[illegible]
2	[illegible]	19.5	71.4	21.7	7[illegible]	26.1	1[illegible]	61.[illegible]	1[illegible]	[illegible]	14.4	[illegible]	[illegible]
3	[illegible]	19.[illegible]	[illegible]	22.[illegible]	[illegible]	27.1	1[illegible]	[illegible]	1[illegible]	[illegible]	14.4	[illegible]	[illegible]
4	[illegible]	19.[illegible]	69.5	21.[illegible]	7[illegible]	[illegible]	1971	61.[illegible]	1[illegible]	[illegible]	13.7	[illegible]	[illegible]
5	[illegible]	19.7	[illegible]	21.5	7	[illegible]	1[illegible]	62.6	1[illegible]	[illegible]	13.7	[illegible]	[illegible]
6	[illegible]	19.[illegible]	[illegible].7	21.[illegible]	7	[illegible]	1972	61.6	1[illegible]	[illegible]	13.7	[illegible]	[illegible]
7	[illegible]	19.2	71.7	22.1	[illegible]	[illegible]	1972	61.7	1[illegible]	[illegible]	13.6	[illegible]	[illegible]
8	[illegible]	19.4	[illegible]	22.7	5	[illegible]	1971	61.7	1[illegible]	[illegible]	14.4	[illegible]	[illegible]
9	[illegible]	19.4	71.7	22.1	5	[illegible]	1971	62.[illegible]	16.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	6.[illegible]	19.4	71.2	21.[illegible]	6	[illegible]	1971	62.5	17.[illegible]	[illegible]	13.[illegible]	1977	
11	6.7	19.2	[illegible]	21.4	7	24.4	1971	62.6	16.[illegible]	[illegible]	11.[illegible]	[illegible]	
12	[illegible]	19.4	71.5	21.[illegible]	7	[illegible]	1971*	62.6	17.[illegible]	[illegible]	[illegible]	[illegible]	
13	[illegible]	19.[illegible]	71.5	22.[illegible]	5	[illegible]	1[illegible]	62.4	17.[illegible]	[illegible]	[illegible]	[illegible]	
14	6.[illegible]	19.7	71.6	22.[illegible]	7[illegible]	[illegible]	1971*	62.[illegible]	16.7	[illegible]	[illegible]	[illegible]	
15	6.[illegible]	19.2	71.1	21.7	7	24.4	1972*	62.1	16.7	[illegible]	[illegible]	[illegible]	
16	[illegible]	19.[illegible]	[illegible].7	21.[illegible]	7	24.4	1972	61.7	[illegible]	[illegible]	[illegible]	[illegible]	
17	6.[illegible]	17.1	[illegible]	21.4	7	24.4	1[illegible]	62.2	16.[illegible]	[illegible]	14.4	[illegible]	
18	[illegible]	19.2	71.6	22.7	7[illegible]	24.4	1976*	61.5	16.4	[illegible]	14.6	[illegible]	
19	6.[illegible]	19.2	[illegible].7	22.1	7	[illegible]	1973	61.[illegible]	16.6	[illegible]	13.[illegible]	[illegible]	
20	6.[illegible]	19.4	71.8	22.1	7[illegible]	24.4	1976	62.1	16.7	[illegible]	13.3	[illegible]	
21	6.[illegible]	19.2	71.7	22.1	[illegible]	[illegible]	1972	61.[illegible]	[illegible]	[illegible]	13.6	[illegible]	
22	6.[illegible]	19.4	72.3	22.2	6[illegible]	[illegible]	1972	61.7	16.7	[illegible]	[illegible]	[illegible]	
23	6.[illegible]	19.7	72.1	22.7	7	25.[illegible]	1972	61.4	16.3	[illegible]	13.6	[illegible]	
24	6.[illegible]	19.2	71.2	21.7	7[illegible]	24.4	1972	61.5	16.4	[illegible]	14.4	[illegible]	
25	6.[illegible]	19.4	71.8	22.1	7[illegible]	[illegible]	1981	61.4	16.6	[illegible]	13.[illegible]	[illegible]	
26	6.4	19.2	71.5	21.9	7[illegible]	24.4	1981*	61.6	16.4	[illegible]	14.4	[illegible]	
27	6.[illegible]	19.[illegible]	71.4	21.[illegible]	7	25.4	1978*	61.1	[illegible]	[illegible]	12.3	[illegible]	
28	6.[illegible]	19.[illegible]	[illegible].7	21.[illegible]	7	[illegible]	1[illegible]	61.5	16.4	[illegible]	13.1	[illegible]	
29	6.[illegible]	19.9	[illegible]	21.5	7	25.5	1972	61.5	16.[illegible]	[illegible]	13.[illegible]	1977	
30	6.[illegible]	19.2	71.4	21.[illegible]	6[illegible]	[illegible]	1972	61.5	16.4	[illegible]	13.3	[illegible]	
31	5.[illegible]	19.9	[illegible].7	21.[illegible]	7	[illegible]	1972*	61.4	16.3	[illegible]	13.9	1977	
Monthly	6.[illegible]	19.3	71.[illegible]	21.[illegible]	5	[illegible]	1971	61.7	16.5	[illegible]	13.[illegible]	1976*	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

	MEAN TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	19.7	[illegible]	21.4	77	25.	1972	61.	16.1	[illegible]	13.3	[illegible]
2	6.	19.2	[illegible]	22.2	6[illegible]	[illegible]	1967	61.5	16.4	[illegible]	14.4	[illegible]
3	[illegible]	19.	71.[illegible]	21.7	[illegible]	[illegible]	1962	61.[illegible]	16.3	57	13.9	[illegible]
4	6.7	19.2	72.7	22.2	[illegible]	[illegible]	1973	61.6	16.4	[illegible]	14.4	1971
5	6.	19.9	70.[illegible]	21.4	[illegible]	24.[illegible]	1972	61.6	16.4	58	14.4	[illegible]
6	[illegible]	[illegible]	70.2	21.2	7[illegible]	24.4	1971	61.6	16.4	57	13.9	197[illegible]
7	2.	12.[illegible]	[illegible]	21.2	7[illegible]	[illegible]	1971	61.6	16.4	[illegible]	14.4	[illegible]
8	6.3	19.9	[illegible]	21.4	7[illegible]	24.4	1976	61.5	16.4	[illegible]	13.[illegible]	197[illegible]
9	5.3	18.7	[illegible]	21.3	[illegible]	27.[illegible]	1979	61.	16.1	57	13.9	197[illegible]
10	[illegible]	[illegible]	[illegible]	21.2	[illegible]	[illegible]	1967	61.6	16.4	[illegible]	[illegible]	[illegible]
11	[illegible]	17.9	71.1	21.7	7[illegible]	[illegible]	1971*	61.3	16.1	[illegible]	13.[illegible]	197[illegible]
12	[illegible]	17.7	[illegible]	[illegible]	[illegible]	23.4	1971	61.6	16.4	[illegible]	[illegible]	197[illegible]
13	[illegible]	18.3	[illegible]	25.7	7[illegible]	[illegible]	1971	[illegible]	15.9	[illegible]	14.4	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	26.1	1979	60.7	15.9	[illegible]	12.[illegible]	[illegible]
15	[illegible]	15.5	71.	21.7	9[illegible]	35.[illegible]	1979	60.7	15.9	[illegible]	11.[illegible]	197[illegible]
16	[illegible]	17.1	71.9	21.7	9[illegible]	35.4	1979	61.2	16.2	[illegible]	13.9	197[illegible]
17	[illegible]	17.3	[illegible]	21.4	[illegible]	34.5	1979	61.2	16.2	57	13.9	197[illegible]
18	[illegible]	17.7	69.9	21.1	[illegible]	30.[illegible]	1979	61.2	16.2	[illegible]	13.3	197[illegible]
19	[illegible]	18.6	[illegible]	21.[illegible]	[illegible]	28.9	1979*	62.4	16.8	[illegible]	15.[illegible]	197[illegible]
20	[illegible]	17.4	[illegible]	21.3	[illegible]	24.4	1973	[illegible]	16.6	[illegible]	13.3	[illegible]
21	6.6	19.7	71.4	21.[illegible]	[illegible]	27.[illegible]	1973	59.7	15.4	[illegible]	13.[illegible]	197[illegible]
22	[illegible]	17.3	71.2	21.[illegible]	7[illegible]	26.1	1979	60.2	15.7	[illegible]	13.3	197[illegible]
23	6.	17.4	[illegible]	22.	[illegible]	33.7	1975	61.0	16.1	57	13.9	197[illegible]
24	[illegible]	19.5	73.5	23.1	[illegible]	35.5	1975	61.5	16.4	[illegible]	[illegible]	1977
25	6.7	19.3	[illegible]	22.[illegible]	[illegible]	35.[illegible]	1979	61.2	16.2	57	13.7	1961
26	[illegible]	19.2	[illegible]	22.3	[illegible]	3[illegible]	1963	61.2	16.2	[illegible]	12.[illegible]	197[illegible]
27	[illegible]	17.5	[illegible]	22.	[illegible]	[illegible]	1967	62.4	16.[illegible]	[illegible]	14.4	197[illegible]
28	[illegible]	17.2	[illegible]	22.1		33.7	197[illegible]	61.[illegible]	16.3	57	13.9	198[illegible]
29	[illegible]	15.7	[illegible]	21.2	[illegible]	[illegible]	197[illegible]	61.2	16.2	[illegible]	13.3	196[illegible]
30	6.	19.	71.2	21.[illegible]	[illegible]	[illegible]	1965	61.2	16.2	[illegible]	14.4	1977*
31												
Monthly	6.[illegible]	18.9	[illegible]	21.[illegible]	[illegible]	[illegible]	1963	61.1	16.2	[illegible]	11.7	197[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] CLEMENTE, CALIFORNIA	[illegible]	[illegible]

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	DATE
1	[illegible]	[illegible]	71.5	22.0	[illegible]	[illegible]	[illegible]	[illegible]	15.8	[illegible]	11.7	1971
2	[illegible]	[illegible]	[illegible]	21.4	[illegible]	[illegible]	1975	[illegible]	[illegible]	[illegible]	11.1	1971
3	[illegible]	[illegible]	[illegible]	21.3	7[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	12.[illegible]	1971
4	[illegible]	[illegible]	[illegible]	21.4	[illegible]	21.1	1971	[illegible]	15.7	[illegible]	12.[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	21.4	9[illegible]	34.4	1971	[illegible]	[illegible]	[illegible]	12.5	1971
6	[illegible]	[illegible]	71.6	22.[illegible]	9[illegible]	33.7	1971	[illegible]	[illegible]	[illegible]	12.8	1976
7	[illegible]	[illegible]	[illegible]	21.[illegible]	8[illegible]	[illegible]	1967	[illegible]	[illegible]	[illegible]	12.[illegible]	1976
8	[illegible]	[illegible]	[illegible]	21.[illegible]	7[illegible]	[illegible]	1976	[illegible]	[illegible]	[illegible]	11.1	[illegible]
9	[illegible]	[illegible]	[illegible]	21.[illegible]	[illegible]	30.[illegible]	1976	[illegible]	14.[illegible]	[illegible]	11.1	[illegible]
10	[illegible]	18.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1971	[illegible]	14.6	[illegible]	12.5	[illegible]
11	[illegible]	17.8	[illegible]	20.4	7[illegible]	[illegible]	1972	[illegible]	15.2	[illegible]	12.[illegible]	[illegible]
12	[illegible]	17.4	67.7	19.8	7[illegible]	23.[illegible]	1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	17.1	67.4	19.7	[illegible]	[illegible]	1972	[illegible]	14.5	[illegible]	11.7	[illegible]
14	[illegible]	17.3	67.8	19.9	7[illegible]	[illegible]	1975	[illegible]	14.7	[illegible]	11.1	1981
15	[illegible]	17.[illegible]	68.9	[illegible]	8[illegible]	[illegible]	1975	58.[illegible]	14.6	[illegible]	[illegible]	[illegible]
16	[illegible]	17.9	[illegible]	21.4	9[illegible]	32.[illegible]	1967	57.3	14.4	[illegible]	[illegible]	[illegible]
17	[illegible]	17.4	[illegible]	21.1	[illegible]	32.[illegible]	1967	59.[illegible]	14.6	[illegible]	[illegible]	[illegible]
18	[illegible]	17.8	[illegible]	21.3	7[illegible]	25.1	1981	59.[illegible]	14.6	[illegible]	11.7	[illegible]
19	[illegible]	17.8	69.9	21.1	[illegible]	[illegible]	1981	58.[illegible]	14.6	[illegible]	11.1	1971
20	[illegible]	17.9	69.[illegible]	21.[illegible]	[illegible]	31.[illegible]	1964	58.5	14.7	[illegible]	[illegible]	[illegible]
21	[illegible]	17.7	69.8	21.[illegible]	[illegible]	32.[illegible]	1965	57.[illegible]	14.3	[illegible]	[illegible]	[illegible]
22	[illegible]	17.6	[illegible]	20.[illegible]	[illegible]	34.4	1965	[illegible]	14.5	[illegible]	[illegible]	[illegible]
23	[illegible]	18.1	[illegible]	21.[illegible]	9[illegible]	32.[illegible]	1965	58.4	14.[illegible]	[illegible]	11.1	[illegible]
24	[illegible]	17.7	69.6	[illegible]	[illegible]	31.[illegible]	1965	58.[illegible]	14.6	[illegible]	[illegible]	[illegible]
25	[illegible]	17.2	67.7	19.8	7[illegible]	[illegible]	1965	58.[illegible]	14.6	[illegible]	[illegible]	1976*
26	[illegible]	17.1	67.6	19.8	[illegible]	[illegible]	1975*	58.[illegible]	14.4	[illegible]	12.2	1979
27	[illegible]	17.1	[illegible]	20.1	7[illegible]	[illegible]	[illegible]	57.5	[illegible]	[illegible]	11.1	[illegible]
28	[illegible]	17.0	[illegible]	20.4	[illegible]	[illegible]	[illegible]	56.5	13.[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	16.[illegible]	67.9	19.9	7[illegible]	[illegible]	1973	55.6	13.1	47	8.3	1971
30	[illegible]	16.9	[illegible]	[illegible]	8[illegible]	[illegible]	1973	55.7	13.2	44	6.7	1972
31	[illegible]	16.8	[illegible]	[illegible]	[illegible]	[illegible]	1967	55.5	13.1	[illegible]	10.6	1971
Monthly	[illegible]	17.8	[illegible]	[illegible]	9[illegible]	34.[illegible]	1971*	58.4	14.7	44	6.7	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION NAME | YEARS | MONTH

	MEAN TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	17.[illegible]	[illegible]	2[illegible]	[illegible]	[illegible]	1966	56.1	13.4	[illegible]	[illegible]	[illegible]
2	[illegible]	16.9	6[illegible].9	2[illegible]	8	2[illegible]	1965	56.1	13.4		1[illegible]	[illegible]
3	1[illegible]	16.[illegible]	67.2	19.[illegible]	7	2[illegible].1	1976	55.4	13.[illegible]	[illegible]	[illegible].4	[illegible]
4	1[illegible]	16.4	67.5	19.7	[illegible]	2[illegible]	1976	55.4	13.[illegible]	[illegible]	[illegible].9	[illegible]
5	[illegible]	16.1	66.4	19.1	[illegible]	2[illegible]	1976	55.6	13.1	[illegible]	[illegible]	[illegible]
6	1[illegible]	15.1	67.1	19.5	7	2[illegible]	1974	54.[illegible]	12.[illegible]	[illegible]	1[illegible]	1974
7	[illegible].1	1[illegible].6	[illegible]	19.[illegible]	7[illegible]	[illegible]	1974	54.7	12.[illegible]	[illegible]	[illegible].4	[illegible]
8	[illegible]	[illegible]	[illegible]	19.[illegible]	7	[illegible]	1968	55.4	13.[illegible]	[illegible]	1[illegible]	[illegible]
9	1[illegible]	16.1	[illegible]	19.[illegible]	7[illegible]	[illegible]	1969	55.4	13.[illegible]	[illegible]	10.6	1979
10	1[illegible]	16.[illegible]	67.5	19.7	7	2[illegible]	1963	54.[illegible]	12.7	[illegible]	[illegible]	[illegible]
11	[illegible]	15.7	[illegible]	19.1	7[illegible]	2[illegible]	1974	[illegible]	12.3	[illegible]	[illegible]	[illegible]
12	1.1	15.2	[illegible]	19.[illegible]	[illegible]	[illegible]	1974	[illegible]	11.1	[illegible]	1[illegible]	[illegible]
13	[illegible]	15.[illegible]	[illegible]	19.1	7[illegible]	[illegible]	1975	54.[illegible]	12.7	[illegible]	[illegible]	[illegible]
14	[illegible]	1[illegible].4	64.4	19.	7	2[illegible]	197[illegible]	54.[illegible]	12.7	[illegible]	[illegible]	[illegible]
15	[illegible].1	1[illegible].6	[illegible]	18.4	7[illegible]	22.	1979*	55.1	12.[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	1[illegible]	[illegible].5	18.1	7[illegible]	21.7	1976	54.[illegible]	12.7	[illegible]	[illegible]	[illegible]
17	[illegible]	1[illegible]	64.6	18.1	7[illegible]	[illegible].1	1976	54.7	12.[illegible]	[illegible]	7.[illegible]	[illegible]
18	[illegible]	15.2	64.7	18.7	6	[illegible]	1975*	54.[illegible]	12.4	[illegible]	7.5	[illegible]
19	[illegible]	1[illegible].2	[illegible].7	14.[illegible]	[illegible]	21.7	1981	54.	12.[illegible]	[illegible]	7.[illegible]	[illegible]
20	[illegible].7	[illegible]	[illegible]	1[illegible].[illegible]	7[illegible]	21.7	[illegible]	52.4	11.[illegible]	[illegible]	7.[illegible]	[illegible]
21	[illegible]	14.5	[illegible].1	17.[illegible]	7	21.7	[illegible]	52.1	11.[illegible]	41	[illegible]	[illegible]
22	[illegible]7.	14.4	63.6	17.[illegible]	6	[illegible]	1975*	[illegible]	11.[illegible]	[illegible]	6.7	[illegible]
23	[illegible]	14.9	[illegible].4	[illegible]	6	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	7.[illegible]	[illegible]
24	[illegible]	15.7	[illegible]	19.7	7	[illegible]	1974	[illegible]	12.1	[illegible]	7.6	[illegible]
25	[illegible]	15.7	[illegible].7	18.7	7[illegible]	22.7	[illegible]	54.7	12.6	[illegible]	6.9	[illegible]
26	[illegible]	15.2	[illegible]	1[illegible].4	7[illegible]	22.7	[illegible]	[illegible]	11.9	[illegible]	[illegible]	[illegible]
27	[illegible].7	14.3	[illegible].4	1[illegible]	7[illegible]	23.7	[illegible]	[illegible]	[illegible]	[illegible]	7.2	[illegible]
28	[illegible]	14.7	[illegible]	19.7	7[illegible]	[illegible].1	1979	[illegible]	11.2	[illegible]	7.2	1974
29	[illegible]	[illegible]	[illegible]	1[illegible]	7	[illegible]	[illegible]	52.1	11.2	[illegible]	6.7	1974
30	[illegible]	14.[illegible]	[illegible]	1[illegible].4	7[illegible]	24.4	[illegible]	52.1	11.2	[illegible]	6.7	1975
31												
Monthly	[illegible]	15.6	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	54.[illegible]	12.[illegible]	[illegible]	[illegible]	1979*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

	MEAN TEMP ALTITUDE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP ALTITUDE		MINIMUM TEMP EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	14.[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	1977	[illegible]	11.7	[illegible]	[illegible]	1971
2	57.[illegible]	14.4	[illegible]	19.[illegible]	[illegible]	[illegible]	1979	51.[illegible]	10.7	[illegible]	[illegible]	19[illegible]
3	[illegible]	14.[illegible]	[illegible]	17.4	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
4	[illegible]	14.5	[illegible]	17.[illegible]	[illegible]	[illegible]	1974	[illegible]	11.2	[illegible]	7.8	19[illegible]
5	[illegible]	13.1	[illegible]	17.2	[illegible]	[illegible]	1979	51.[illegible]	11.[illegible]	47	[illegible]	19[illegible]
6	[illegible]	14.[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	7.[illegible]	19[illegible]
7	[illegible]	13.7	[illegible]	17.1	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
8	[illegible]	13.[illegible]	[illegible]	16.[illegible]	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
9	[illegible]	13.[illegible]	[illegible]	15.4	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
10	[illegible]	13.4	[illegible]	16.[illegible]	[illegible]	[illegible]	1974	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
11	[illegible]	13.[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	1978	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
12	[illegible]	17.4	[illegible]	17.[illegible]	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
13	[illegible]	13.5	[illegible]	16.7	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
14	[illegible]	13.2	[illegible]	15.[illegible]	[illegible]	[illegible]	1979	49.[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
15	[illegible]	13.3	[illegible]	17.[illegible]	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
16	[illegible]	[illegible]	[illegible]	14.1	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
17	[illegible]	13.[illegible]	[illegible]	16.7	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
18	[illegible]	12.7	[illegible]	15.[illegible]	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
19	[illegible]	13.3	[illegible]	15.7	[illegible]	[illegible]	1965	49.[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
20	[illegible]	13.3	[illegible]	15.[illegible]	[illegible]	[illegible]	1972	[illegible]	10.1	[illegible]	[illegible]	19[illegible]
21	[illegible]	13.7	[illegible]	16.4	[illegible]	[illegible]	1973	[illegible]	10.[illegible]	[illegible]	[illegible]	19[illegible]
22	[illegible]	15.1	[illegible]	16.[illegible]	[illegible]	[illegible]	1976*	[illegible]	11.2	[illegible]	[illegible]	19[illegible]
23	[illegible]	13.6	[illegible]	16.[illegible]	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible]	[illegible]	7.6	19[illegible]
24	[illegible]	12.[illegible]	[illegible]	17.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
25	[illegible]	13.[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
26	[illegible]	13.2	[illegible]	16.[illegible]	[illegible]	[illegible]	19[illegible]	49.3	[illegible]	[illegible]	3.3	19[illegible]
27	[illegible]	12.[illegible]	[illegible]	16.[illegible]	[illegible]	[illegible]	1972	[illegible]	[illegible]	[illegible]	5.6	19[illegible]
28	[illegible]	12.[illegible]	[illegible]	15.[illegible]	[illegible]	[illegible]	1975	49.[illegible]	[illegible]	[illegible]	5.6	1979
29	[illegible]	12.[illegible]	[illegible]	18.[illegible]	[illegible]	[illegible]	1975	49.5	[illegible]	[illegible]	7.[illegible]	1974
30	[illegible]	13.2	[illegible]	18.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]	1974
31	[illegible]	12.[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]	49.1	[illegible]	[illegible]	7.2	1974
Monthly	[illegible]	12.[illegible]	[illegible]	16.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.[illegible]	[illegible]	7.3	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
FROM DAILY OBSERVATIONS

STATION	STATION NAME	YEARS
[illegible]	[illegible]	[illegible]

DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]				[illegible]	6	[illegible]	73	[illegible]	122	74	74		
[illegible]		[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	84	7	[illegible]		
[illegible]		7	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84	84	[illegible]	
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	71	71	[illegible]	75	[illegible]	[illegible]	71	
[illegible]	[illegible]	77	71	[illegible]	[illegible]	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]
[illegible]	[illegible]	[illegible]	74	[illegible]	75	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75	77	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	77	[illegible]		
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	77	75	[illegible]	[illegible]	[illegible]	74		
[illegible]		[illegible]	74	[illegible]	[illegible]	74	74	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	75	77	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74	74	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]	76	[illegible]		[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	69	[illegible]	[illegible]	[illegible]	77	75	74	[illegible]	77	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]			[illegible]	[illegible]							[illegible]	[illegible]	
[illegible]	77	74	73	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	75	75	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	573	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

[illegible]	[illegible]	[illegible]
STATION	STATION NAME	YEARS

[illegible] DEGREES FAHRENHEIT
[illegible]

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
												[illegible]	[illegible]
[illegible]	[illegible]											[illegible] 1	[illegible]
[illegible]	[illegible]											[illegible]	[illegible]
[illegible]	[illegible]												[illegible]
			[illegible]									[illegible]	[illegible]
[illegible]	[illegible]											[illegible]	[illegible]
	[illegible]												[illegible]
[illegible]											[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible] 1			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	71	[illegible]	[illegible] 11	[illegible]	[illegible]	[illegible]	[illegible] 17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

[illegible] 17 — STATION
SAN CLEMENTE, CALIFORNIA — STATION NAME
[illegible] — YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
4		4[illegible]	4[illegible]	47	49	53	[illegible]	[illegible]	57	56	41		
[illegible]		4[illegible]	47	46	[illegible]	[illegible]	58	57	[illegible]	56	[illegible]		
6		44	46	5[illegible]	[illegible]	53	53	[illegible]	56	54	49	46	
[illegible]	4[illegible]	47	49	46	49	52	57	[illegible]	59	57	[illegible]	43	[illegible]
[illegible]	4	4[illegible]	[illegible]	47	51	58	56	59	56	[illegible]	[illegible]	44	44
[illegible]	4[illegible]	4[illegible]	45	[illegible]	[illegible]	56	[illegible]	[illegible]	56	[illegible]	[illegible]	5[illegible]	45
[illegible]	4	[illegible]		51	48	55	59	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]		4[illegible]	47	49	46	[illegible]	57	[illegible]	56	44	4[illegible]		
[illegible]		44	44	46	50	56	59	59	55	52	[illegible]	4[illegible]	
[illegible]	44	4[illegible]	44	47	[illegible]	53	53	59	56	[illegible]	4[illegible]	46	44
[illegible]	41	47	42	46	52	57	56	56	[illegible]	[illegible]	44	42	41
[illegible]	[illegible]	4[illegible]	46	44	48	[illegible]	52	57	58	[illegible]	44	41	[illegible]
[illegible]	3[illegible]	4[illegible]	39	47	51	[illegible]	57	[illegible]	[illegible]	52	[illegible]	44	[illegible]
[illegible]	42	4[illegible]	44	44	46	[illegible]	54	[illegible]	55	[illegible]	4[illegible]	[illegible]	[illegible]
7	4[illegible]	43	49	46	49	56	56	[illegible]	53	52			
[illegible]	[illegible]		43	4[illegible]							[illegible]	42	
	[illegible]	4[illegible]	44	44	49	5[illegible]	57	[illegible]	57	4[illegible]	[illegible]	4[illegible]	[illegible]
[illegible]	44	41	44	44	49	54	56	[illegible]	57	47	47	4[illegible]	[illegible]
MEAN	[illegible]	45.[illegible]	45.3	46.6	[illegible]	54.1	[illegible]	56.2	56.9	52.3	47.4	[illegible]	41.7
S D	[illegible]	[illegible]	2.77	[illegible]	1.92	1.479	1.949	1.551	2.043	3.515	[illegible]	2.641	2.649
TOTAL OBS	[illegible]	[illegible]	527	54	55[illegible]	54[illegible]	558	558	540	558	540	[illegible]	4175

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

EXTREME VALUES

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	[illegible]
				[illegible]								[illegible]	
	[illegible]											[illegible]	
	[illegible]												
	[illegible]											[illegible]	
												[illegible]	
												[illegible]	
	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
	[illegible]	14	11	[illegible]	6	[illegible]	17		[illegible]		[illegible]		
MEAN													
S.D.													
TOTAL OBS													

SMOS

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F																																TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	[illegible]	DB	WB	Dry Bulb	Wet Bulb / Dew Point

Element X	$\bar{x}$	$\bar{x}$	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature Range						
						10 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS

Temp F	WET BULB TEMPERATURE DEPRESSION F																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point

Element X	Σx	Σx^2	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11	12-13	14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL DB WB	Dry Bulb	TOTAL Wet Bulb	Dew Point

Element X	$\bar{X}$	$\bar{X}$	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F. 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	ΣX	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D B W B	Dry Bulb	TOTAL Wet Bulb	Dew Point

Element X	$\bar{X}$	σ_x	$\bar{X}$	σ_x	No Obs	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp (F)	WET BULB TEMPERATURE DEPRESSION F																																TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point

Element X	$\bar{x}$	$\tilde{x}$	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F																															TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean No of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

| Temp F | WET BULB TEMPERATURE DEPRESSION F | | |

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F																																TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point

Element X	Σx	Σx^2	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F. 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\bar{x}$	$\bar{x}$	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\bar{x}$	$\tilde{x}$	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp °F	WET BULB TEMPERATURE DEPRESSION °F. 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point

Element / X	$\bar{X}$	$\bar{X}$	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

Temp (°F)	WET BULB TEMPERATURE DEPRESSION °F																														TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F																																TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dew Point	Wet Bulb	Dew Point

Element	Σx	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature
Rel. Hum.						0 F / 32 F / 67 F / 73 F / 80 F / 93 F /
Dry Bulb						
Wet Bulb						
Dew Point						

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

STATION — STATION NAME — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MEANS AND STANDARD DEVIATIONS

[illegible]		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

STATION NAME

YEARS

HRS (L.S.T.)		JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	277.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	277.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2246.	[illegible]	[illegible]	[illegible]	2333.	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

CCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

RELATIVE HUMIDITY

[illegible] [illegible] ISLAND, CALIFORNIA [illegible]

STATION / STATION NAME / PERIOD / MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		[illegible]	100.0	99.8	99.6	96.5	94.1	[illegible]	78.	45.7	86.1	[illegible]
		[illegible]	100.0	[illegible]	98.2	[illegible]	94.5	91.7	77.2	[illegible]	87.1	[illegible]
		[illegible]	100.0	99.8	97.[illegible]	96.7	93.5	89.3	74.1	[illegible]	86.[illegible]	[illegible]
		100.0	99.5	98.7	96.9	94.7	87.1	74.6	49.7	14.3	77.	[illegible]
		100.0	[illegible]	99.5	94.3	69.[illegible]	76.8	51.9	26.[illegible]	7.5	[illegible]	[illegible]
		100.0	99.9	97.1	96.1	92.[illegible]	83.9	[illegible]	33.6	5.5	72.7	[illegible]
		100.0	100.0	99.6	98.8	96.[illegible]	94.9	84.5	62.6	27.4	81.5	[illegible]
		100.0	100.0	100.0	100.0	98.9	96.5	92.1	69.3	37.4	85.[illegible]	[illegible]
TOTALS		100.0	99.6	99.8	97.8	[illegible]	90.2	79.2	57.5	29.3	80.8	[illegible]

OCEANAV-SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION: [illegible] STATION NAME: [illegible] PERIOD: [illegible] MONTH: [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

RELATIVE HUMIDITY

[illegible]	[illegible]	[illegible]	[illegible]
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

RELATIVE HUMIDITY

[illegible] [illegible]
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

RELATIVE HUMIDITY

[illegible]	[illegible]	[illegible]	[illegible]
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

[illegible] ISLAND, CALIFORNIA [illegible]

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.7	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	[illegible]	67.7	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	[illegible]	[illegible]	24.4	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.2	[illegible]	[illegible]	[illegible]

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
[illegible] NORTH CAROLINA

RELATIVE HUMIDITY

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS.
		10%	20%	30%	40%	50	60	70%	80%	90%		
TOTALS												

OCEANAV—SMOS

RELATIVE HUMIDITY

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
TOTALS											

RELATIVE HUMIDITY

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
TOTALS											

RELATIVE HUMIDITY

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
TOTALS											

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] CALIF [illegible]

WIND DIRECTION

		[illegible]			[illegible]	[illegible]				[illegible]
[illegible]	4.6.	11.1.	11.1.	11.1.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.1.	[illegible]	[illegible]	[illegible]	17.6.	17.1.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.1.	[illegible]	[illegible]	12.3.	13.1.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.2.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	3.			[illegible]	[illegible]	[illegible]

TOTAL [illegible]

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 [illegible] ALL

WIND DIRECTION

TEMP.	NNE & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL OBS	% TOTAL
122											
117-120											
112-116											
107-111											
102-106											
97-101											
92-96											
87-91											
82-86											
77-81											
72-76			3.3						66.7	2	.1
67-71			40.0	20.0		20.0		20.0		5	.2
62-66	7.7		15.4		7.7	7.7	7.7	23.1	7.7	13	.6
57-61	22.3		9.3	11.6	4.7	14.0	14.0	7.3	14.0	43	1.8
52-56	17.4	1.2	1.3	6.2	7.0	13.4	27.7	24.8	4.1	242	17.4
47-51	3.1	1.0	2.2	2.7	10.9	11.4	23.7	27.7	3.7	636	29.8
42-46	6.	2.1	2.3	1.1	6.5	8.3	28.0	37.2	7.	1046	45.6
37-41	1.3	3.	4.2	3.3	7.1	5.8	17.1	32.5	17.9	24	1.3
32-36	3.7		7.4	7.4	22.2	7.4		3.7	48.1	27	1.2
27-31									100.0	1	.0
22-26											
17-21											
12-16											
7-11											
2-6											
-3-1											
-8-4											
-13-9											
-18-14											
-23-19											
-28-24											
-33-29											
-38-34											
-43-39											
-48-44											
-53-49											
-58-54											
TOTALS	8.1	2.0	3.3	2.7	7.9	9.8	26.3	31.6	7.8	2336	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] AN CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 [illegible] ALL

WIND DIRECTION

[illegible]	[illegible] & N	[illegible] & NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]					[illegible]			2	.1
[illegible]	12.5	[illegible]	3.3	4.2	12.5	12.5	29.2	12.5		24	1.1
[illegible]	13.2	7.7	7.7	3.3	3.2	22.0	22.0	17.6	1.1	91	4.[illegible]
[illegible]	10.5	1.2	4.	.6	4.3	16.2	37.2	22.5	1.5	[illegible]	14.4
[illegible]	5.2	1.5	.9	1.5	6.[illegible]	10.9	36.3	33.6	4.[illegible]	[illegible]	29.7
[illegible]	2.[illegible]	.8	2.2	.9	5.7	8.7	34.7	36.6	7.5	987	43.[illegible]
[illegible]	1.4	1.4	5.6	.7	14.6	7.6	32.2	24.5	14.1	144	6.4
[illegible]			37.5	25.	25.[illegible]				12.[illegible]	[illegible]	.4
TOTALS	.[illegible]	1.[illegible]	2.7	1.2	6.2	11.2	34.[illegible]	32.	[illegible]	22[illegible]	[illegible]

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

SAN CLEMENTE ISLAND, CALIFORNIA   JANUARY 1971-DECEMBER 19[illegible]   MAY   ALL

WIND DIRECTION

TEMP.	NNE & N	ENE & NE	ESE & E	SSE & SE	SSW & S	WSW & SW	WNW & W	NNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
≥122											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86					3.3	33.3	33.3			3	.1
77 TO 81			16.7			16.7	33.3	16.7	16.7	6	[illegible]
72 TO 76	16.0	4.0	4.0		[illegible]	36.0	[illegible]	4.0	4.0	25	1.1
67 TO 71	5.5	.8	2.4	3.1	6.3	28.3	36.2	14.2	1.6	127	5.5
62 TO 66	6.4	1.4	1.6	1.1	5.3	20.4	43.9	18.3	1.4	437	18.9
57 TO 61	2.2	.7	2.2	1.4	8.0	17.9	42.4	21.5	6.5	967	41.7
52 TO 56	2.[illegible]	.7	1.5	.[illegible]	9.4	11.4	39.4	24.7	9.4	72[illegible]	31.3
47 TO 51				7.7	11.5	3.8	11.5	30.8	34.6	26	1.1
42 TO 46				100.0						1	.0
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
≤-54											
TOTALS	3.9	.9	2.0	1.4	7.9	15.3	40.7	21.4	6.5	2310	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] SAN CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1980 JUNE ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% TOTAL
122											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	[illegible] .0				[illegible] .0		40.0	20.0		[illegible]	.2
82 TO 86			[illegible] .0			80.0				[illegible]	.2
77 TO 81				5.9	17.6	52.9	23.5			17	.8
72 TO 76	[illegible] .7	1.0	2.9	1.9	7.6	23.8	41.0	13.3	1.9	1[illegible]	4.7
67 TO 71	4.7	1.[illegible]	2.0	.7	5.1	20.3	51.7	13.2	1.4	2[illegible]6	13.2
62 TO 66	3.	.3	2.1	1.5	6.8	17.1	52.3	14.4	2.[illegible]	673	30.0
57 TO 61	.7	.4	1.6	1.2	5.0	13.4	47.7	21.3	7.8	95[illegible]	42.3
52 TO 56	.5		1.0	2.5	8.2	9.7	46.2	29.1	7.7	19[illegible]	8.7
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO -1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LOWER											
TOTALS	.2	.4	1.[illegible]	1.6	6.5	18.[illegible]	48.6	17.8	5.0	22[illegible]	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] AT CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 JULY ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTA FREQ.	CF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86						50.0	50.0				.1
77 TO 81	5.3		5.3	5.3	10.5	52.6	21.1			1[illegible]	.[illegible]
72 TO 76	6.1	3.4	.7	1.4	6.1	34.7	43.5	3.4	.7	14[illegible]	6.[illegible]
67 TO 71	3.1	.4	1.4	.4	5.9	24.4	52.3	9.4	2.3	4[illegible]	21.0
62 TO 66	2.4	.4	1.0	1.1	7.4	17.6	51.9	12.7	5.3	89[illegible]	38.4
57 TO 61	.5		.7	.3	6.7	12.8	56.3	13.6	5.2	74[illegible]	32.[illegible]
52 TO 56					12.[illegible]	25.[illegible]	45.2	6.5	9.7	31	1.[illegible]
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	2.2	.[illegible]	1.0	.8	6.9	19.1	52.5	11.5	5.6	23[illegible]	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

SAN CLEMENTE ISLAND, CALIFORNIA   JANUARY 1973-DECEMBER 1982   LST   ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ	TOTAL
82 TO 86	100.0									1	.0
77 TO 81					12.5	37.5	12.5	25.0	12.5	8	.3
72 TO 76	2.[illegible]		.5		1.4	29.8	51.9	12.5	1.0	20[illegible]	8.9
67 TO 71	3.7	1.0	2.2	1.	3.6	19.6	54.0	12.9	2.	591	25.4
62 TO 66	1.[illegible]	.2	.3	.3	5.5	15.3	51.8	16.0	5.2	1167	50.0
57 TO 61			.3	.	4.3	9.9	58.2	16.9	10.6	349	15.0
52 TO 56									100.0	1	.0
TOTALS	.1	.9	1.1	.6	4.5	16.8	53.2	15.1	5.4	2335	100.0

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] AT CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 SEPTEMBER ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			33.3	33.3	33.3					3	.1
87 TO 91	22.2		11.1	22.2		33.3	11.1			9	.4
82 TO 86	20.0	6.7	6.7		20.0	6.7	6.7	33.3		15	.7
77 TO 81	22.7	2.3	2.3		6.8	22.7	20.5	15.9	6.8	44	2.0
72 TO 76	11.5	3.2	7.1	4.5	5.1	23.1	27.6	14.7	3.2	156	6.9
67 TO 71	7.6	1.2	5.8	3.1	4.8	14.9	39.9	20.0	2.7	516	23.0
62 TO 66	3.0	.3	1.0	1.7	7.5	12.6	42.0	21.5	10.4	1101	49.0
57 TO 61	1.6	1.0	1.5	1.3	10.0	15.3	36.5	21.3	11.5	400	17.8
52 TO 56									100.0	3	.1
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
59 & LWR											
TOTALS	5.0	.9	2.8	2.2	7.3	14.6	38.6	20.5	8.2	2247	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] SAN NICOLAS ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 OCTOBER ALL

WIND DIRECTION

TEMP(F)	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	33.3		16.7			16.7	16.7	16.7		[illegible]	[illegible]
77 TO 81	17.6	17.6	5.9		5.9	23.5	11.8	17.6		17	.7
72 TO 76	21.3	4.3	6.4	5.3	6.4	16.0	23.4	14.9	2.1	94	4.0
67 TO 71	14.2	3.5	3.5	1.5	2.0	16.0	34.4	21.4	3.5	401	17.2
62 TO 66	9.1	2.7	1.9	1.6	5.5	12.1	35.6	22.9	7.6	916	39.3
57 TO 61	10.5	2.5	1.7	2.7	9.2	10.6	34.4	16.4	12.1	771	33.0
52 TO 56	5.0	.8	3.4	10.1	16.0	4.2	25.2	12.6	22.7	119	5.1
47 TO 51		11.1	11.1	44.4	11.1			11.1	11.1	9	.4
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	[illegible]	[illegible]	2.4	2.7	6.3	12.1	[illegible]	[illegible]	8.9	2333	100.0

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] SAN CLEMENTE ISLAND, CALIFORNIA JANUARY 1973-DECEMBER 1982 NOVEMBER ALL

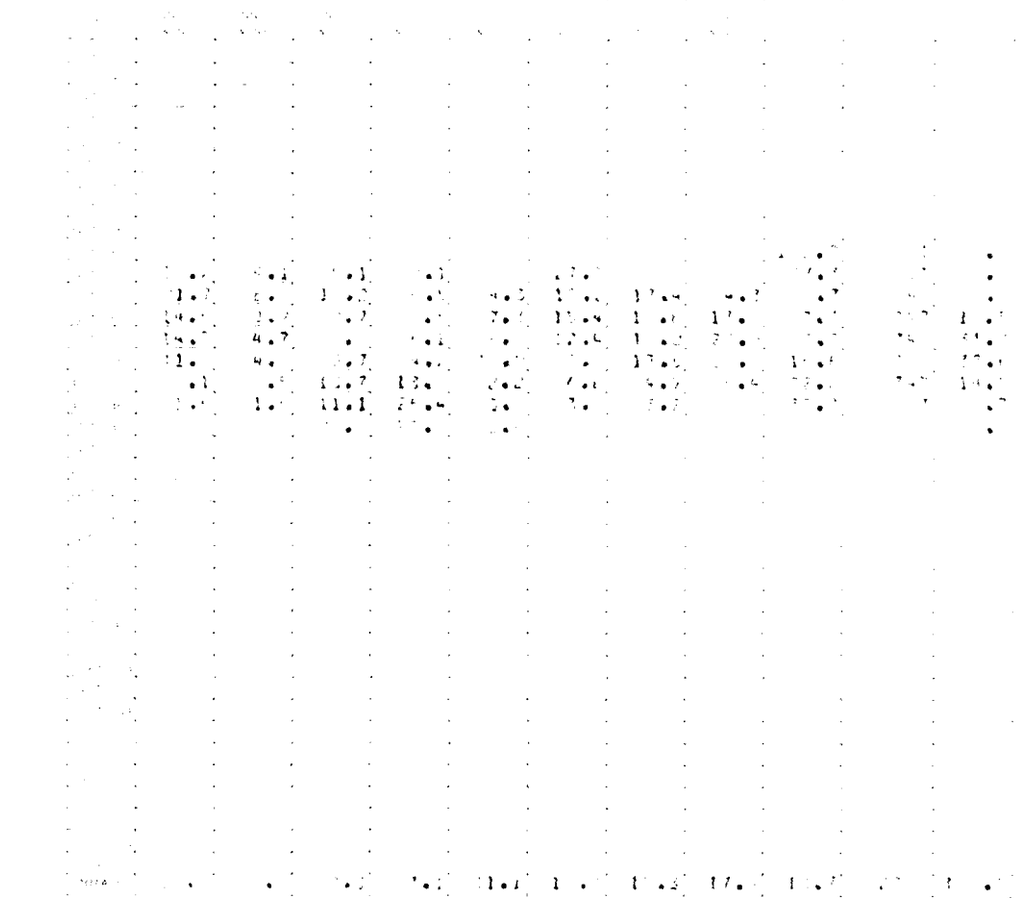
WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 & OVR											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86			50.0			50.				4	.2
77 TO 81	25.0		25.0	37.5		12.5				8	.4
72 TO 76	23.3	4.7	11.6	9.3	7.0	7.0	14.0	9.3	14.0	43	2.0
67 TO 71	20.9	1.4	6.1	6.1	3.4	23.9	15.9	16.9	5.4	148	6.8
62 TO 66	18.3	3.7	5.3	2.6	4.1	11.4	26.5	23.4	4.7	491	22.7
57 TO 61	9.8	3.2	3.5	3.2	7.7	10.7	24.2	27.5	10.2	810	37.4
52 TO 56	6.1	3.7	6.2	4.5	11.1	6.7	22.0	24.5	15.2	539	24.9
47 TO 51	2.8	1.8	5.5	14.7	22.9	3.7	7.3	15.6	25.7	109	5.0
42 TO 46				23.1	23.1	7.7			46.2	13	.6
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	11.5	3.2	5.6	4.5	8.2	10.2	22.0	23.6	10.9	2165	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

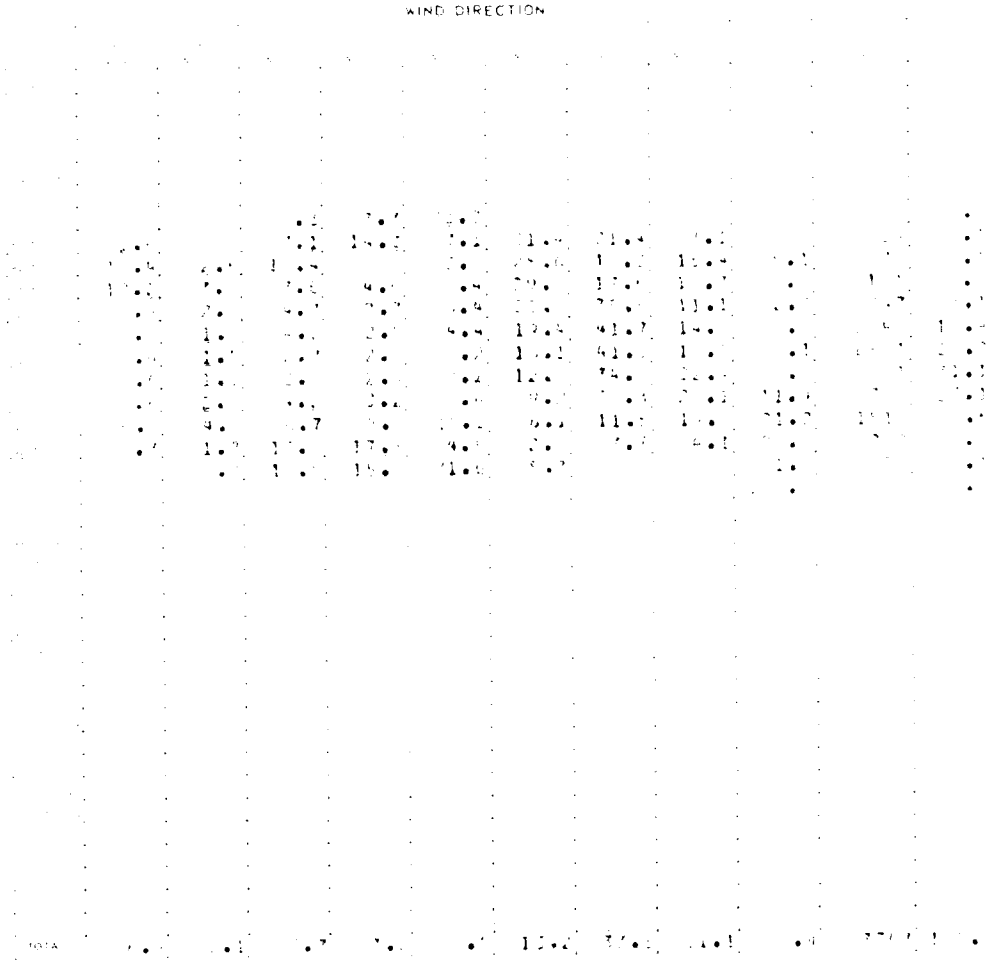


NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION



NAVWEASERVCOM

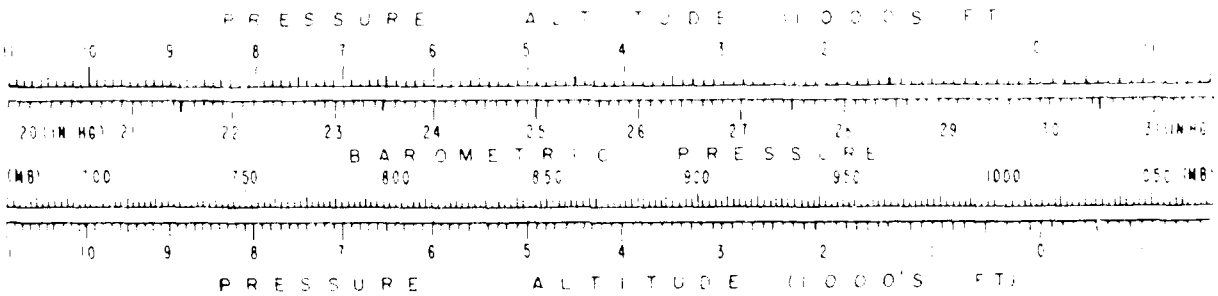
PART F PRESSURE SUMMARY

Pressures in this part are in tables giving the mean, standard deviation, and total number of observations of station pressure and sea-level pressure by month and annual [illegible] observations to the nearest sea-level synoptic times GCT. The same [illegible] are [illegible] at the bottom of the page for all [illegible] stations. All years of data available are included in the [illegible], with the exception of periods in which January 1948 through December 1[illegible] [illegible] with positive surface wind after those dates.

1. Station pressure are in inches of mercury.

2. Sea-level pressure are in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in thousands of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

MEANS AND STANDARD DEVIATIONS

STATION | STATION NAME | YEARS

HRS LST		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.7[illegible]	.735	.745	.737	.726	.791	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	.117	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	273.	244.	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.7[illegible]	.724	.735	.73[illegible]	.713	.7[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	.113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.074	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	279.	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.771	.754	.76[illegible]	.757	.739	.8[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	.11[illegible]	.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.074	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.7[illegible]	.773	.751	.77[illegible]	.7[illegible]	.831	[illegible]	.927	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.111	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.7[illegible]	.767	.770	.761	.7[illegible]	.794	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.073	.107	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	234.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.7[illegible]	.739	.734	.726	.7[illegible]	.769	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.067	[illegible]	[illegible]	[illegible]	.072	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	292.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	294.	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.7[illegible]	.73[illegible]	.72[illegible]	.7[illegible]	.7[illegible]	.781	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	.111	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.074	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	272.	[illegible]	[illegible]	[illegible]	279.	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	.77[illegible]	.751	.75[illegible]	.7[illegible]	.774	.8[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	.112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.073	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	279.	[illegible]	[illegible]	[illegible]
ALL HOURS	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.747	.7[illegible]	.7[illegible]	.7[illegible]	.794	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.074	.075	.107	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2246	[illegible]	[illegible]	2247	2233	[illegible]	[illegible]	[illegible]

END

DATE
FILMED
7-85

DTIC

END

DATE
FILMED

7-85

DTIC